



FILE NO.

SERVICE MANUAL Multi-media Projector

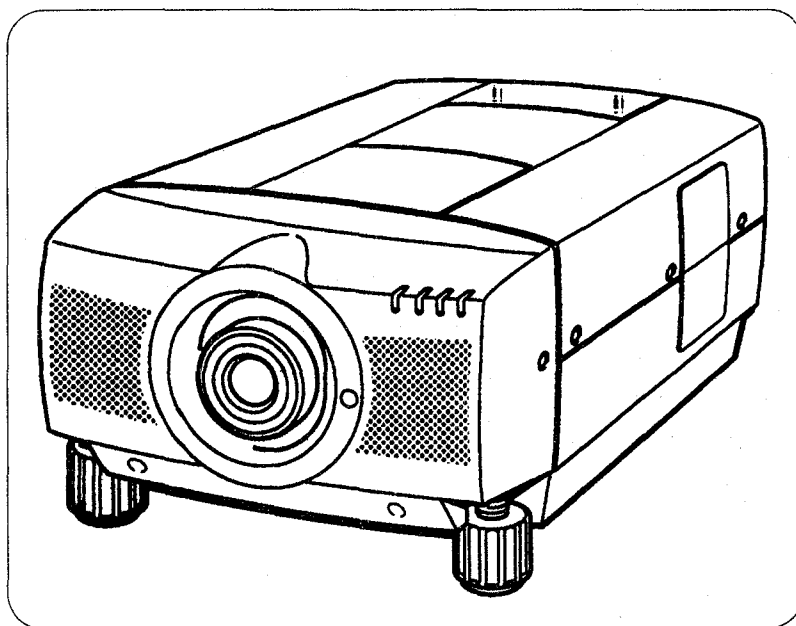
REVISED

Model no.

PLC-9000
(NO-TAX)

PLC-9000E
PLC-9005E
(Europe, Asia, Africa, M.E.)

PLC-9005B
(U.K.)



ORIGINAL VERSION

| | |
|---------|--------------|
| Service | PLC-9000-00 |
| Ref.No. | PLC-9000E-00 |
| | PLC-9005E-00 |
| | PLC-9005B-00 |

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PRODUCT CODE

P6MZ (PLC-9000) ; 1122 043 19
P6MA (PLC-9000E) ; 1122 043 00
P6MAV (PLC-9005E) ; 1122 043 60
P6MCV (PLC-9005B) ; 1122 043 62

REFERENCE NO. **SM525052**

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

NOTE ; ※ PLC-9005E/9005B OPTION

| | |
|----------------------------------|---|
| Projector Type | Multi-media Projector |
| Dimensions (W x H x D) | 390 mm × 234 mm × 582 mm |
| Net Weight | 17 kg |
| LCD Panel System | 1.8" TFT Active Matrix type (Thin Film Transistor) × 3 |
| Number of Pixels | 2,359,296 {786,432 (1,024 × 768) × 3} |
| ※ Colour System | 6 colour system (PAL, SECAM, NTSC, NTSC4.43, PAL-M and PAL-N) |
| Scanning Frequency | H-sync. 15 ~ 80 KHz, V-sync. 50 ~ 100 Hz |
| Projection Image Size (Diagonal) | Adjustable from 30" to 600" |
| Contrast Ratio | 100 :1 (ANSI) |
| Horizontal Resolution | 800 TV lines |
| Projection Lens | F2.6 ~ 3.5 lens with f67.3mm ~ 107.6mm Motor zoom and focus |
| Motorized Lens Shift | ± 760 mm on 100" screen |
| Throw Distance | 1.1 m ~ 22.3 m |
| Projection Lamp | Metal Halide, 400 watt type |
| Projection Mirror | Dichroic mirror and X-prism system |
| ※ AV Input jacks | BNC Type {Video/Y, C/Cb (B-Y), Cr (R-Y)} × 2 set, Phono Type (Audio R and L) × 2 set and DIN 4 pin (S-Video) × 2 set |
| ※ Video Monitor Output Jack | BNC Type {Video/Y, C/Cb (B-Y), Cr (R-Y)} × 1 set and DIN 4 pin (S-Video) × 1 set |
| ※ Audio Monitor Output Jacks | Phono Type (R and L) × 1 set |
| Computer Input 1 Jack | BNC Type (R, G, B, H and V), Multi-pole 12 pin (Control port) and USB port |
| Computer Input 2 Jack | (VGA) HDB15 Terminal, Multi-pole 12 pin (Control port) and USB port |
| Computer Audio Input Jack | Phono Type (R and L) × 2 set |
| Computer Output Jack | (VGA) HDB15 Terminal |
| Computer Audio Output Jack | Phono Type (R and L) × 1 set |
| Other Jack | Wired Remote Jack and Serial port (DB 9) |
| Built-In Speaker | INT. SP. Stereo (R and L), 3 watt RMS (T.H.D. 10%) |
| Image Elevation Adjustment | Up to 4° |
| Voltage | 200 ~ 240V AC, 50/60 Hz (Model PLC-9000E/9005E/9005B) 110 ~ 120V AC, 50/60 Hz (Model PLC-9000) |
| Power Consumption | 3.5A (Max. Ampere) (Model PLC-9000E/9005E/9005B) 7.0A (Max. Ampere) Model PLC-9000 |
| Operating Temperature | 5 °C ~ 35 °C |
| Storage Temperature | - 10 °C ~ 60 °C |
| Remote Control Battery | (2) AA, UM3 or R06 Type × 2 set |



Notice

- ☐ CORRECTION ☒ **PRODUCTION CHANGE**
☐ SERVICE FLASH ☐ ADD INFORMATION

FILE NO.

Revision 1

Please add this notice to the Service Manuals listed below.

Category : Multi-media Projector

Date : Aug. / 31 /1998

| Model | Destination |
|-----------|-------------------------|
| PLC-9000 | NO-TAX |
| PLC-9000E | Europe,Asia,Africa,M.E. |
| PLC-9005E | Europe,Asia,Africa,M.E. |
| PLC-9005B | U.K. |

Effective From: Service Ref. No.

REF : No. SM525052

PLC-9000-01
PLC-9000E-01
PLC-9005E-01
PLC-9005B-01

NOTE: Match the Service Ref. No. on the unit's back cover with the Service Ref. No. in the Service Manual.

If the Service Manual Service Ref. No. does not match the unit's, additional Service Literature is required. This chassis is similar to the Service Ref. NO. PLC-9000-00/9000E-00/9005E-00/9005B-00. Only the Difference Service Information is given in this manual. For detail Service Informations, Refer to the Original Service Manual and Notices for Service Ref. NO. PLC-9000-00/9000E-00/9005E-00/9005B-00 used in Model PLC-9000/9000E/9005E/9005B (SM525052)

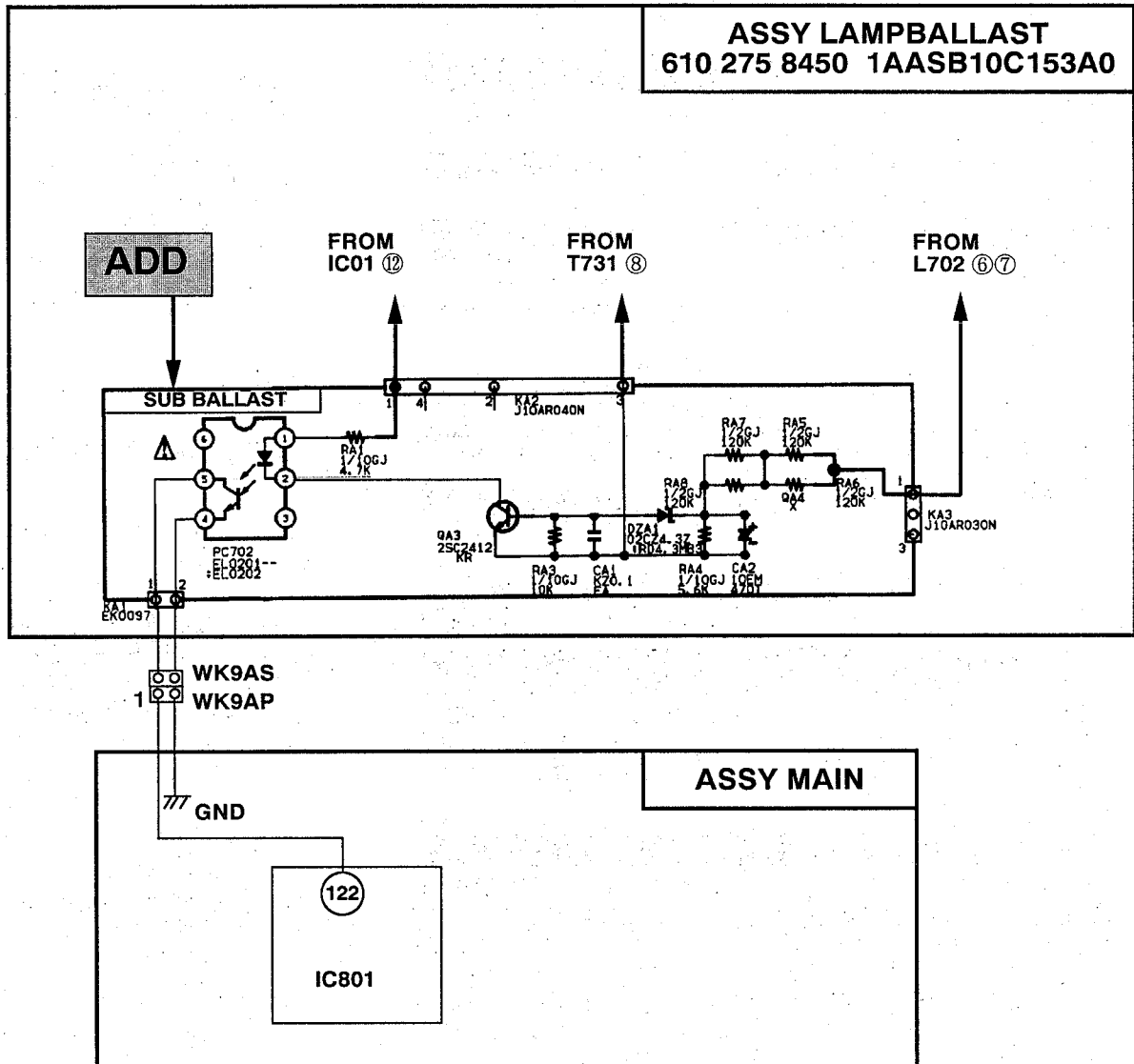
DIFFERENCES

| Page & Section | SM525052 Service Ref. NO. PLC-9000-00/9000E-00/9005E-00/9005B-00 | | SM525052-01 Service Ref. NO. PLC-9000-01/9000E-01/9005E-01/9005B-01 | |
|---|--|-----------------------------------|---|-----------------------------------|
| | Part No. | Description | Part No. | Description |
| SM525052 Page 76 Electrical Parts List | 610 273 5987 | ASSY MAIN P6MA 1AA0B10C1750A | 610 275 6517 | ASSY MAIN M6MA 1AA0B10C175DA |
| SM525052 Page 76 Electrical Parts List IC801 | 410 313 1609 | HD64F7045F28-B217-S | 410 324 4507 | HD64F7045F28-B217A-S |
| | or 410 309 9602 | HD64F7045F28-B217 | or 410 324 4606 | HD64F7045F28-B217A |
| SM525052 Page 87 Electrical Parts List | 610 272 5889 | ASSY LAMPBALLAST 1AASB10C15300 | 610 275 8450 | ASSY LAMPBALLAST 1AASB10C153A0 |

Prod. Code : 1 122 043 19 P6MZ
1 122 043 00 P6MA
1 122 043 60 P6MAV
1 122 043 62 P6MCV

REFERENCE No. SM525052-01

SCHEMATIC DIAGRAM DIFFERENCES

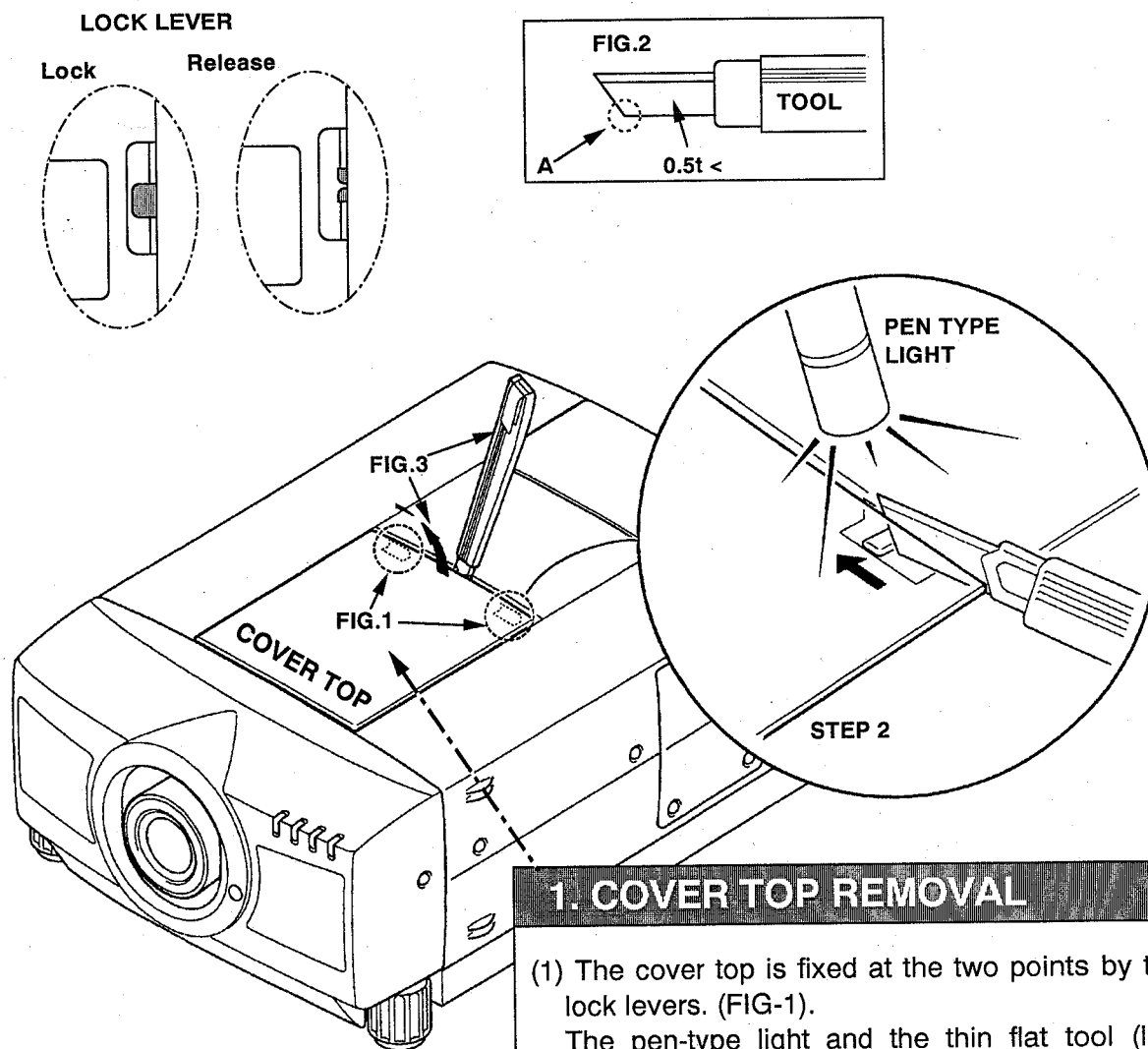


SANYO

SANYO Electric Co., Ltd.
Printed in Japan

● (NOTE: Each shape will be changed by the performance improvement.)

MECHANICAL DISASSEMBLIES



1. COVER TOP REMOVAL

- (1) The cover top is fixed at the two points by the lock levers. (FIG-1).
The pen-type light and the thin flat tool (like cutter knife) will be used in order to release the lock.
- (2) Confirm the position of the lock lever with the pen-type light.
Release the lock lever by sliding it laterally by using at the A part (FIG-2) of the tool.
- (3) Release the other lock lever in the same way.
- (4) Lift the cover top to the upward by the tool as shown in the FIG-3.
- (5) After lifting it, hold the cover top and pull it to the backward.

CAUTION:

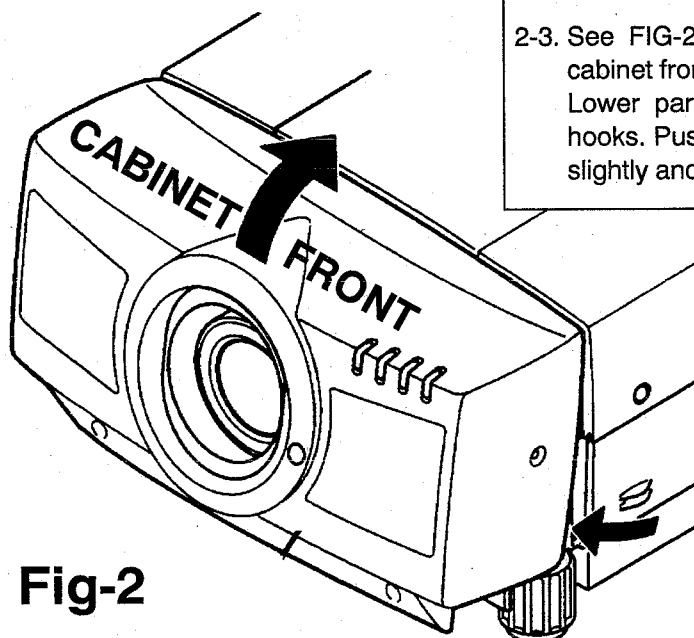
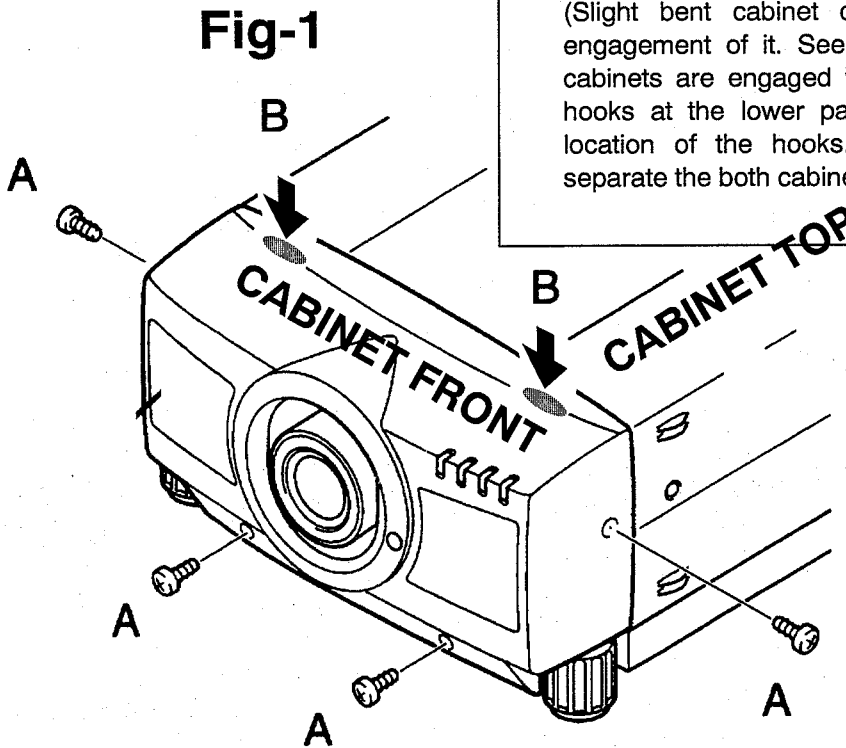
Be careful not to damage the cabinet finish when removing it.

2. CABINET FRONT REMOVAL

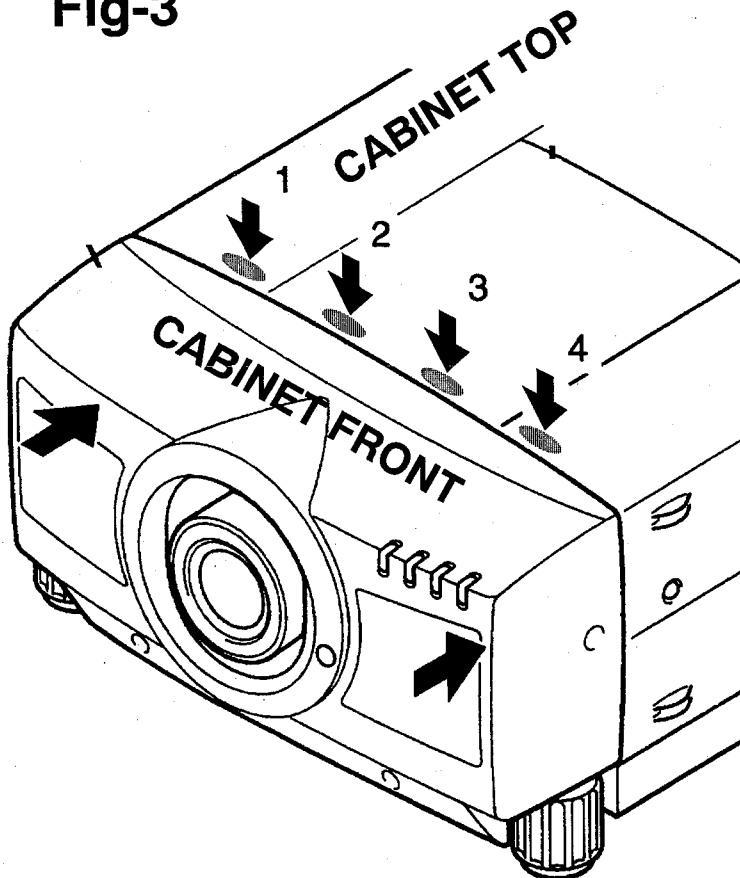
2-1. Remove screws A (4 screws) on the cabinet front.

See FIG-1.

2-2. Push down the part B of the cabinet front by finger (Slight bent cabinet downward) and remove the engagement of it. See FIG-1. The front and the top cabinets are engaged with 4 hooks at the top and 3 hooks at the lower part. See FIG-4 (next page) for location of the hooks. Release those hooks when separate the both cabinets.

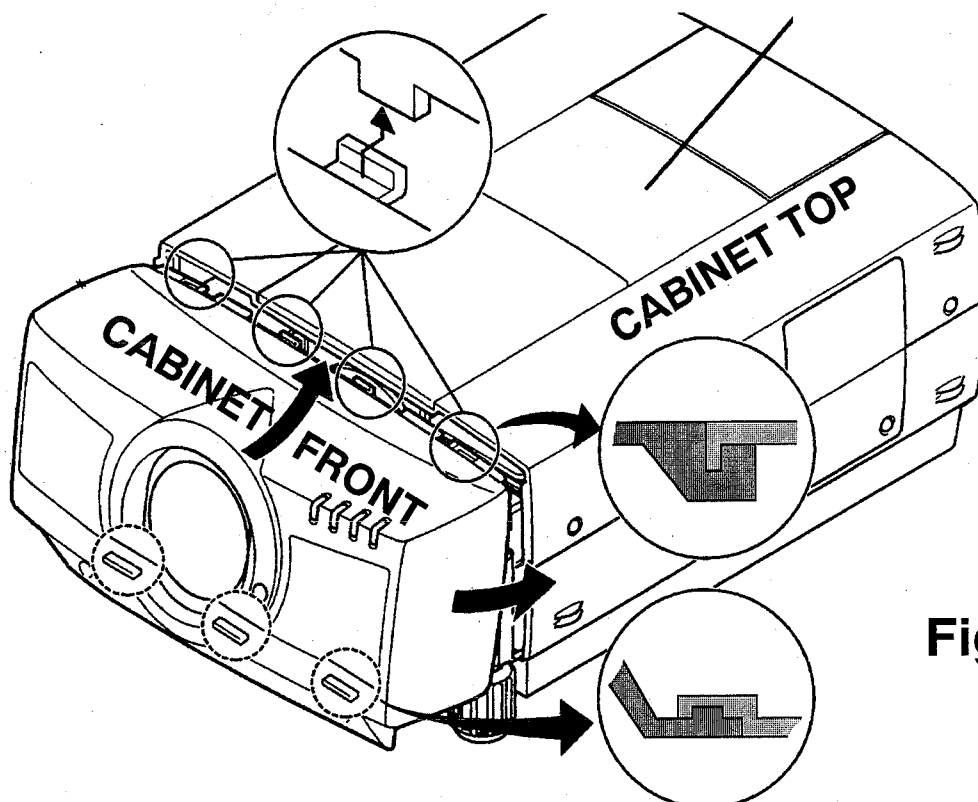


2-3. See FIG-2. Pull the lower side of the cabinet front forward and remove it. Lower part is engaged with the three hooks. Push the cabinet front downward slightly and pull the lower forward.

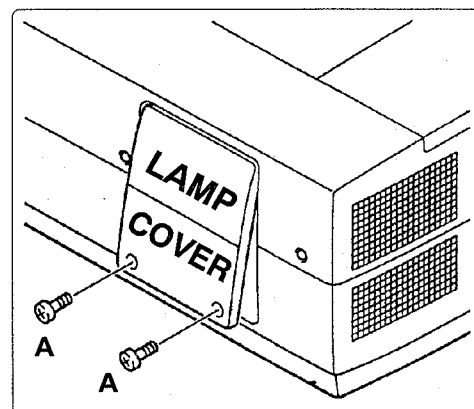
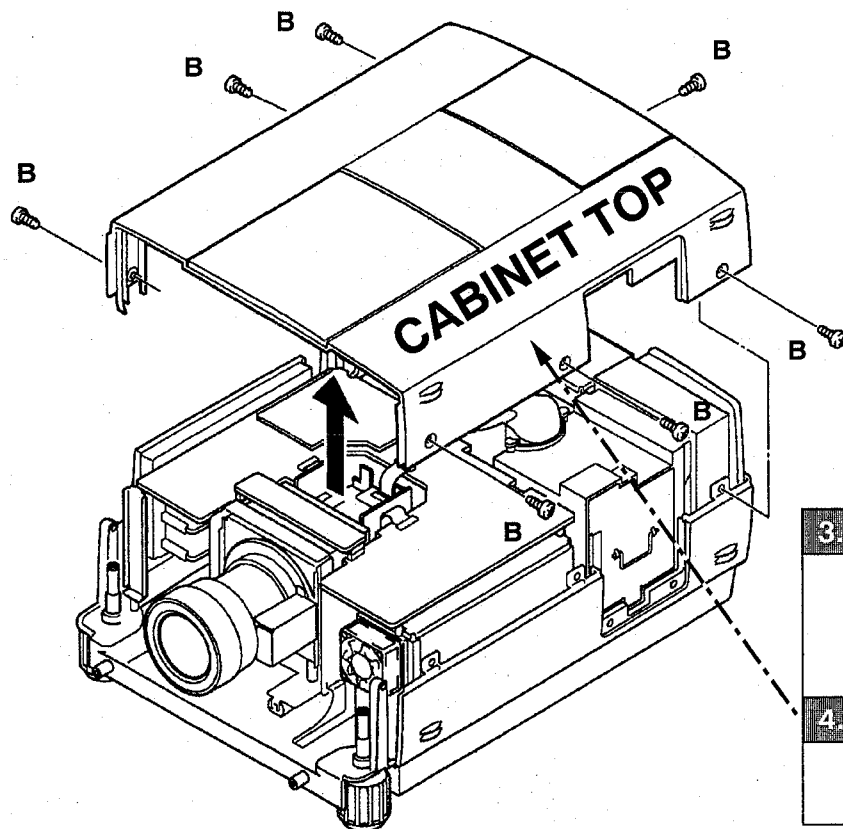
Fig-3

NOTE :
MOUNT THE CABINET FRONT

- Front and top cabinets are engaged with 4 hooks at the upper side and 3 hooks at lower side. See Fig-4. First engage the upper side at each end of the cabinet front with the cabinet top . Then, push the lower of the cabinet in the direction of the arrow and engage the lower part of cabinet front with the lower part of cabinet top. See Fig-4.
- It is not enough to engage the upper side of the cabinet front with the upper side of the top cabinet . Follow the next steps for engaging them completely.
- See Fig-3. Slightly push the cabinet front backward and pushing arrow points of the cabinet top until each hooks are fitted. Push the arrow point in the order of the number. Space should not be obtained between the cabinet front and the cabinet top. Engage both cabinets until no space observed between both cabinets.

**Fig-4**

DISASSEMBLIES AND REPLACEMENT PROCEDURES

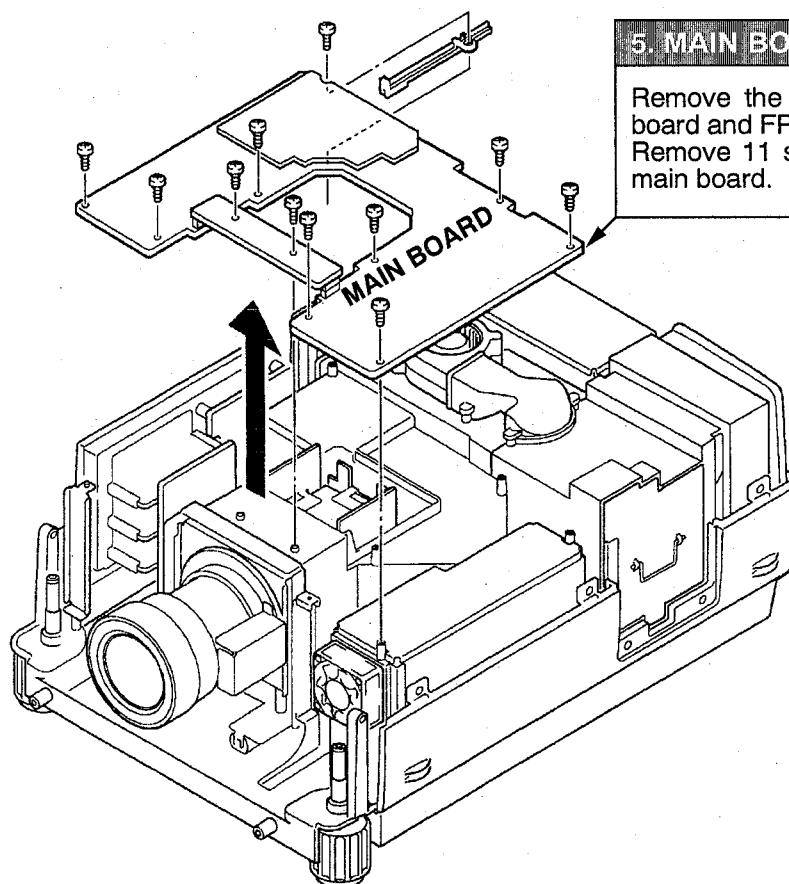


3. LAMP COVER REMOVAL

Remove screws A (2 used) and remove the lamp cover by pulling the lower part of it.

4. CABINET TOP REMOVAL

Remove B screws (7 used) and remove the cabinet top



5. MAIN BOARD REMOVAL

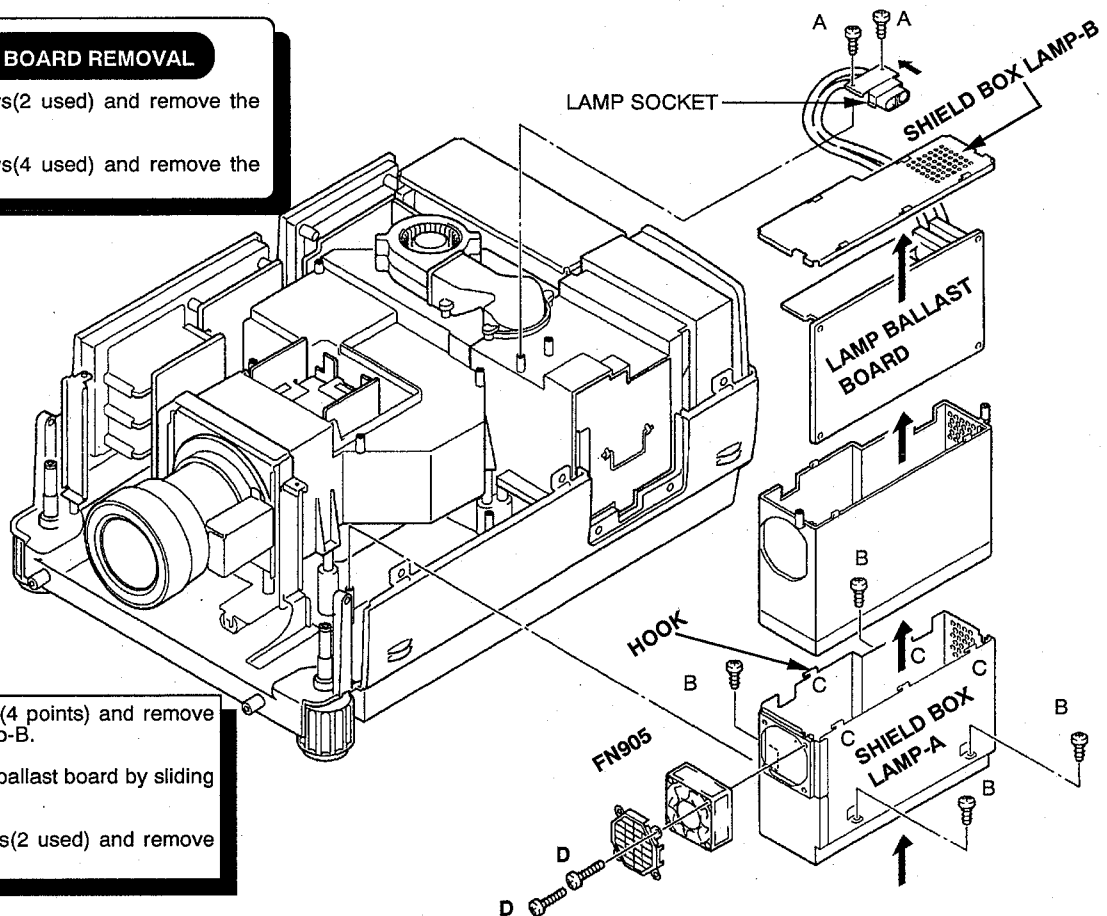
Remove the connector to the main board and FPC. Remove 11 screws and remove the main board.

DISASSEMBLIES AND REPLACEMENT PROCEDURES

6. LAMP BALLAST BOARD REMOVAL

- (1) Remove A screws(2 used) and remove the lamp socket.
- (2) Remove B screws(4 used) and remove the shield box lamp-A.

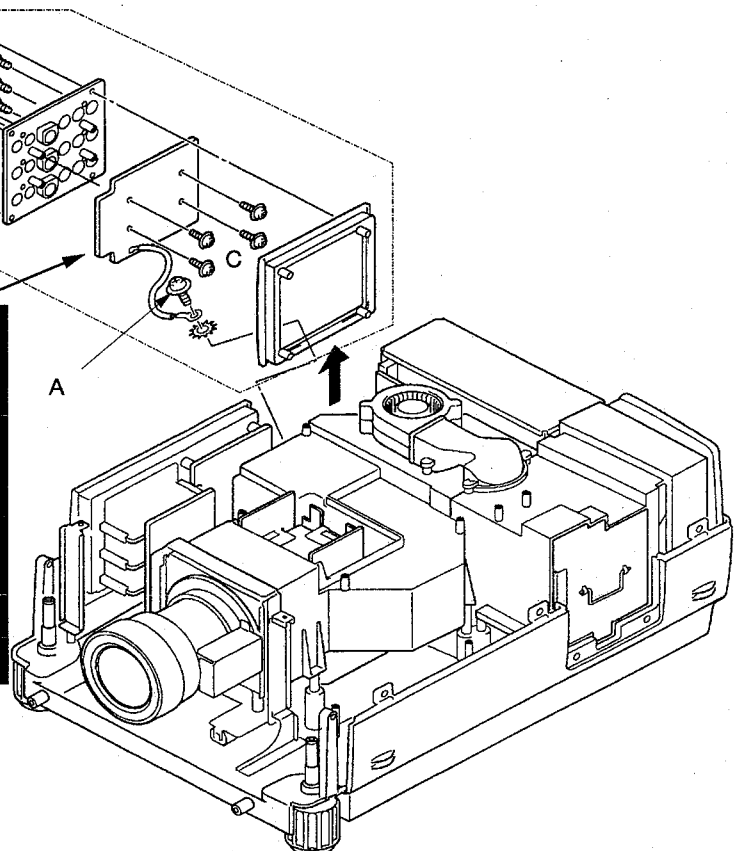
- (3) Release C hooks(4 points) and remove the shield box lamp-B.
- (4) Pull out the lamp ballast board by sliding it to the upward.
- (5) Remove D screws(2 used) and remove the FAN(FN905).



ASS'Y PANEL AV

7. AV BOARD REMOVAL

- (1) Remove the Assy panel AV by sliding it upward.
- (2) Remove an A screw and remove the ground wire.
(NOTE: For keep the performance, Attach the ground wire as the washer must be under the wire.)
- (3) Remove B screws(10 used) and C screws(4 used), then remove the AV board.

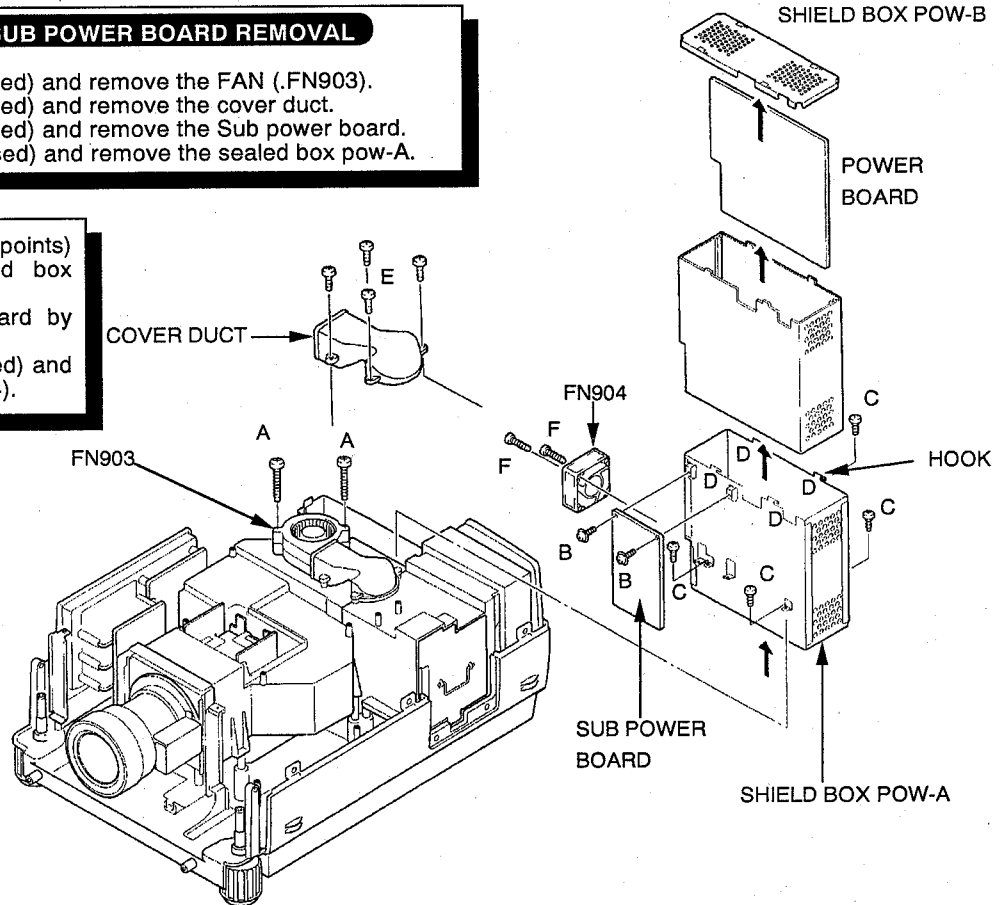


DISASSEMBLIES AND REPLACEMENT PROCEDURES

8. POWER AND THE SUB POWER BOARD REMOVAL

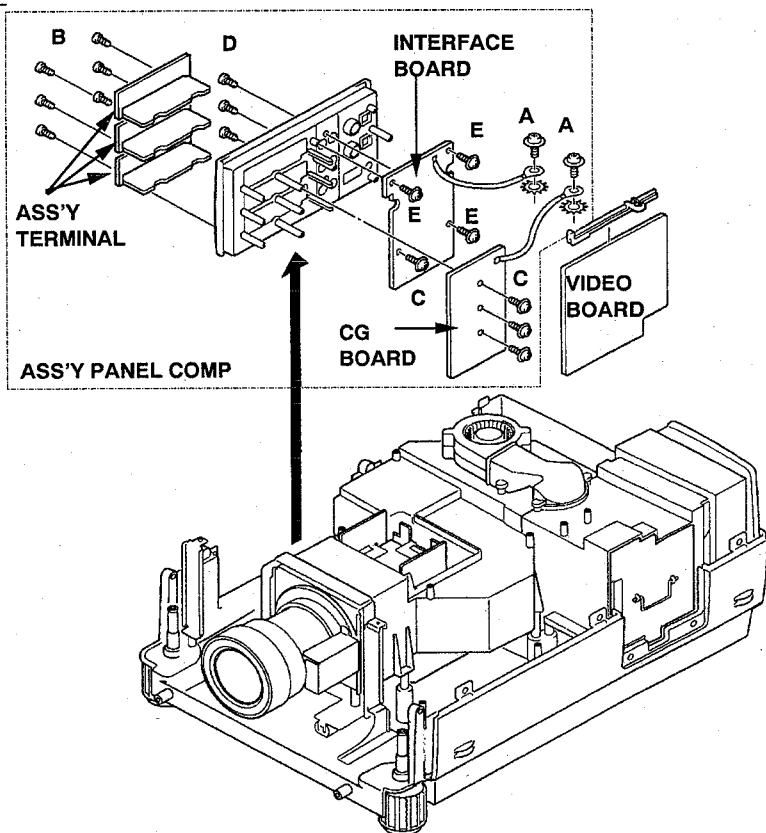
- (1) Remove A screws(2 used) and remove the FAN (FN903).
- (2) Remove E screws(4 used) and remove the cover duct.
- (3) Remove B screws(2 used) and remove the Sub power board.
- (4) Remove C screws(4 used) and remove the sealed box pow-A.

- (5) Release the hooks D (4 points) and remove the shield box pow-B.
- (6) Pull out the power board by sliding it to the upward.
- (7) Remove F screws(2 used) and remove the FAN (FN904).



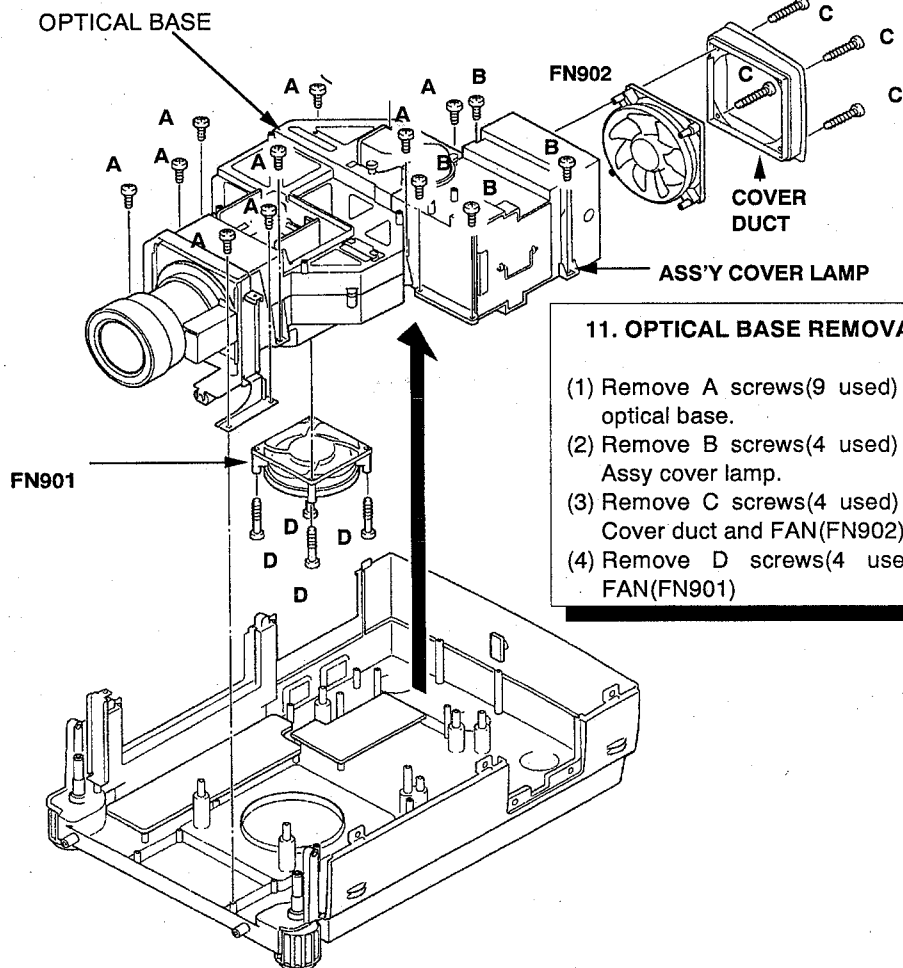
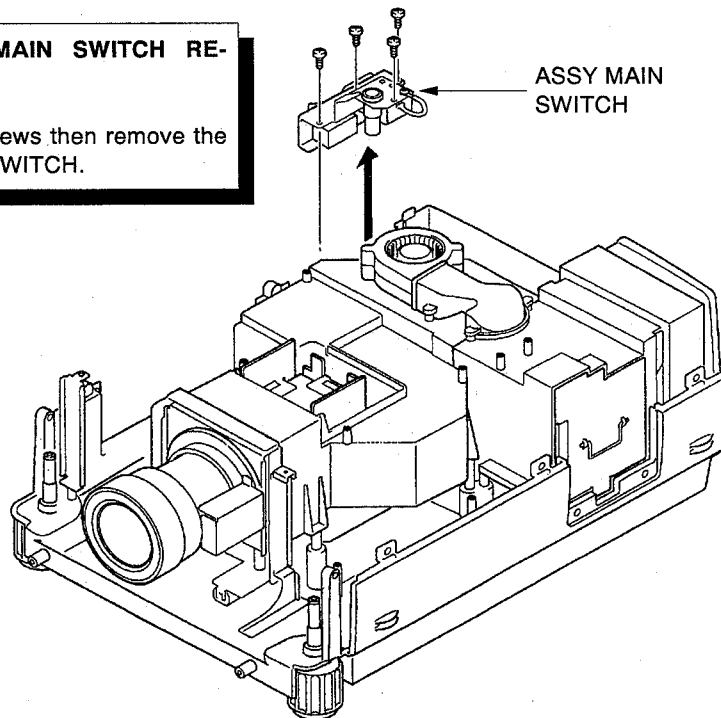
9. VIDEO, INTERFACE AND CG BOARD REMOVAL

- (1) Remove A screws(2 used) and remove the ground wire.
(NOTE: For keeping the performance, attach the ground wire as the washer must be under the wire.)
- (2) Pull out the Assy panel comp and the Video board together by sliding upward.
- (3) Remove B screws(6 used) and remove 3 pairs of assy, terminal.
- (4) Remove C screws(3 used) and remove CG board.
- (5) Remove D screws(3 used) and the E screws(4 used), then remove the Interface board.



10. ASSY MAIN SWITCH RE- MOVAL

Remove 4 screws then remove the
ASSY MAIN SWITCH.



11. OPTICAL BASE REMOVAL

- (1) Remove A screws(9 used) and remove the optical base.
- (2) Remove B screws(4 used) and remove the Assy cover lamp.
- (3) Remove C screws(4 used) and remove the Cover duct and FAN(FN902)
- (4) Remove D screws(4 used) and remove FAN(FN901)

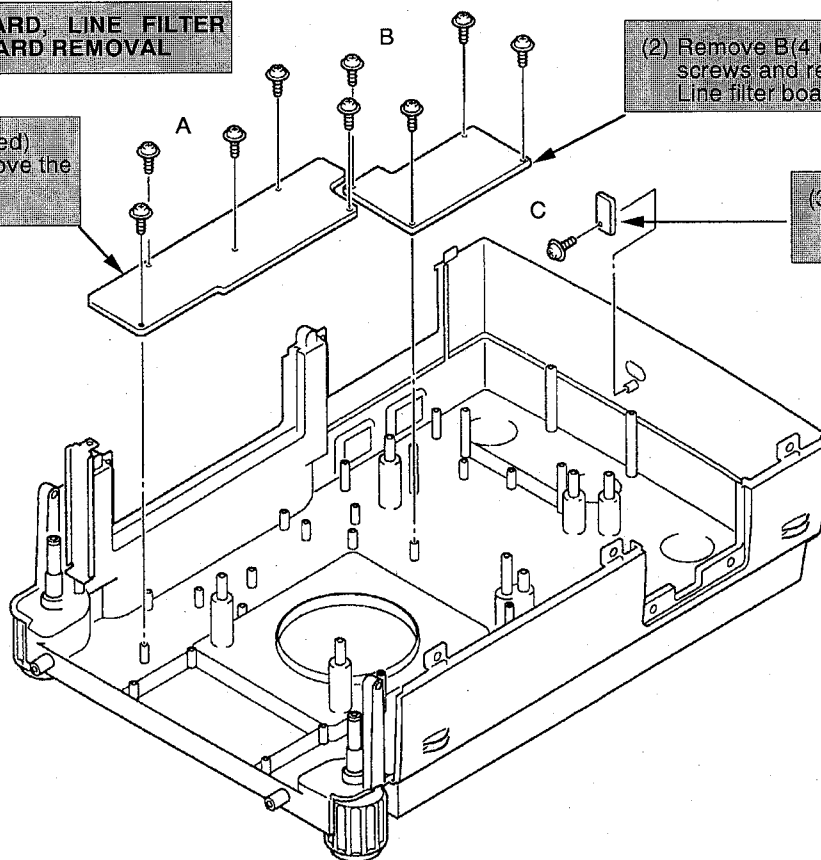
DISASSEMBLIES AND REPLACEMENT PROCEDURES

12. MOTHER BOARD, LINE FILTER AND R/C 2 BOARD REMOVAL

(1) Remove A (5 used) screws and remove the Mother board.

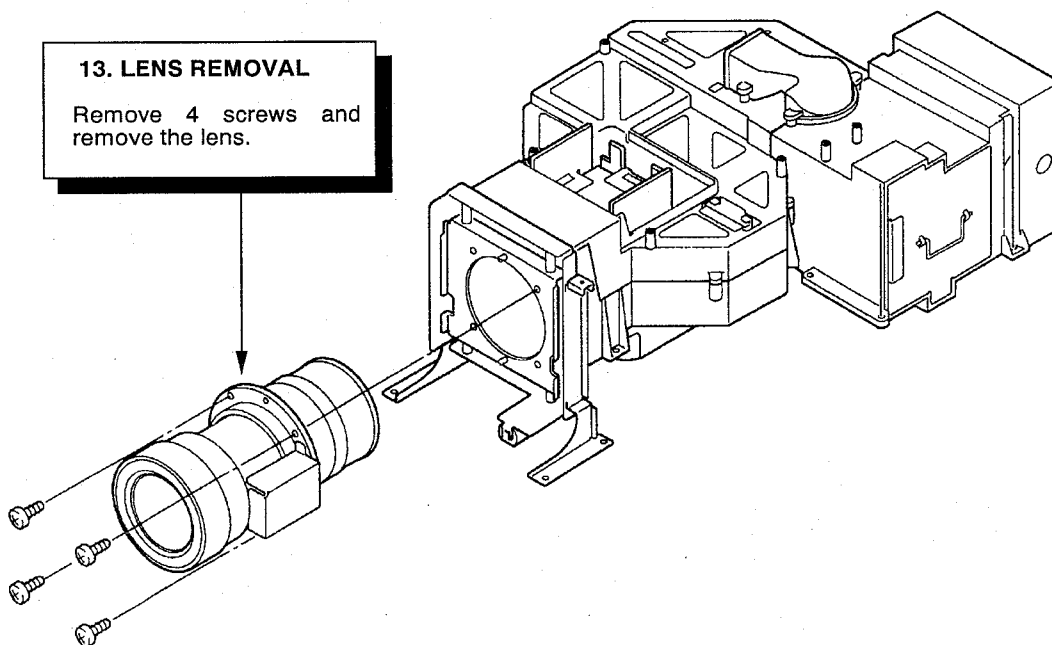
(2) Remove B (4 used) screws and remove the Line filter board.

(3) Remove a C screw and remove R/C 2 board.



13. LENS REMOVAL

Remove 4 screws and remove the lens.



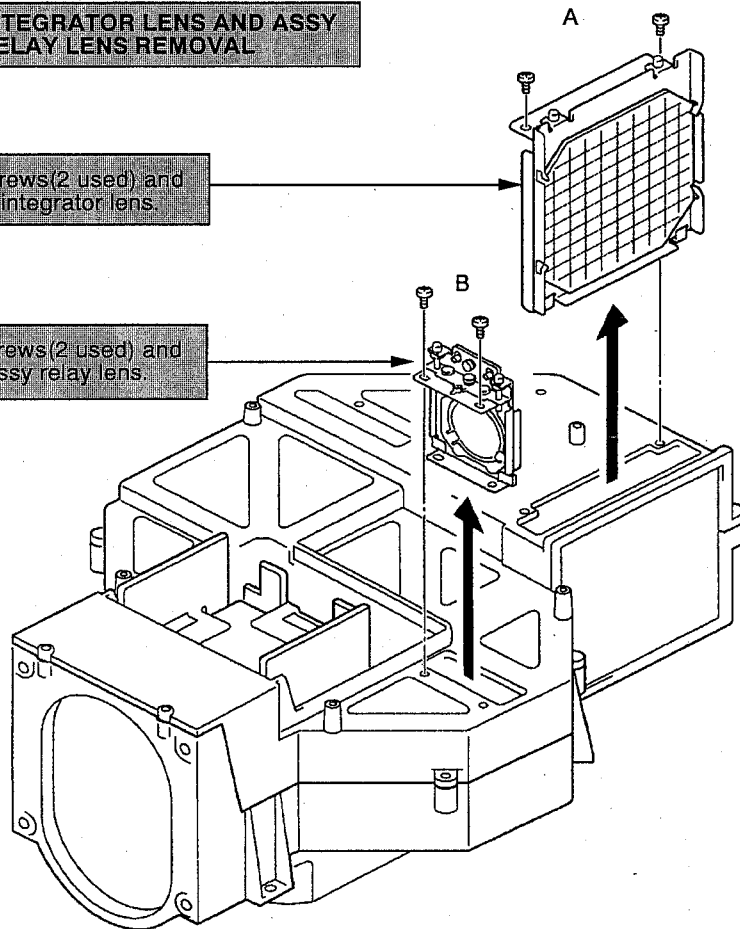
DISASSEMBLIES AND REPLACEMENT PROCEDURES

OPTICAL UNIT DISASSEMBLIES

14. INTEGRATOR LENS AND ASSY RELAY LENS REMOVAL

(1) Remove A screws(2 used) and
remove Assy integrator lens.

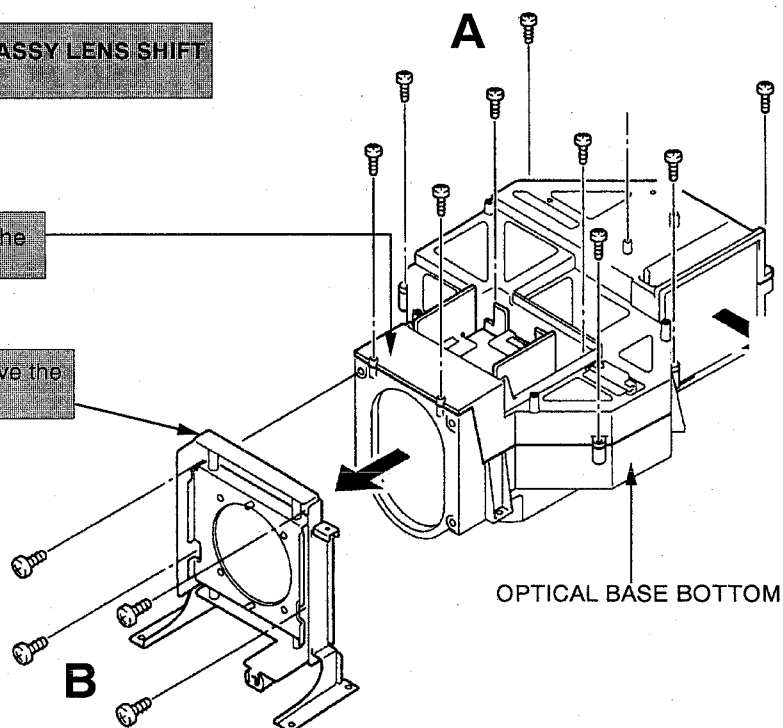
(2) Remove B screws(2 used) and
remove the Assy relay lens.



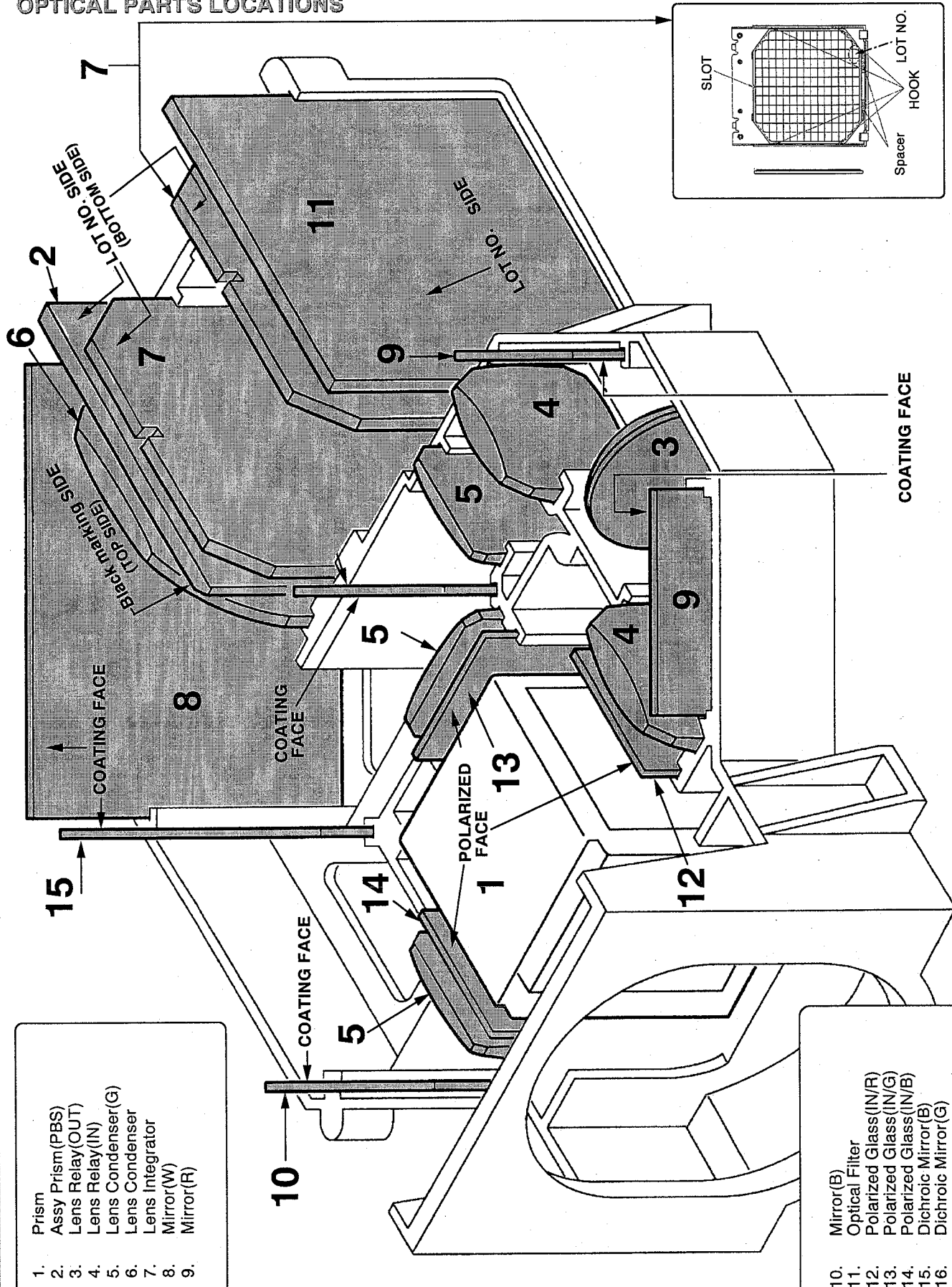
15. OPTICAL BASE TOP AND ASSY LENS SHIFT REMOVAL

(1) Remove screws(9 used) and remove the
Optical base top.

(2) Remove B screws(4 used) and remove the
Assy lens shift.



OPTICAL PARTS LOCATIONS



1. Prism
2. Assy Prism(PBS)
3. Lens Relay(OUT)
4. Lens Relay(IN)
5. Lens Condenser(G)
6. Lens Condenser
7. Lens Integrator
8. Mirror(W)
9. Mirror(R)

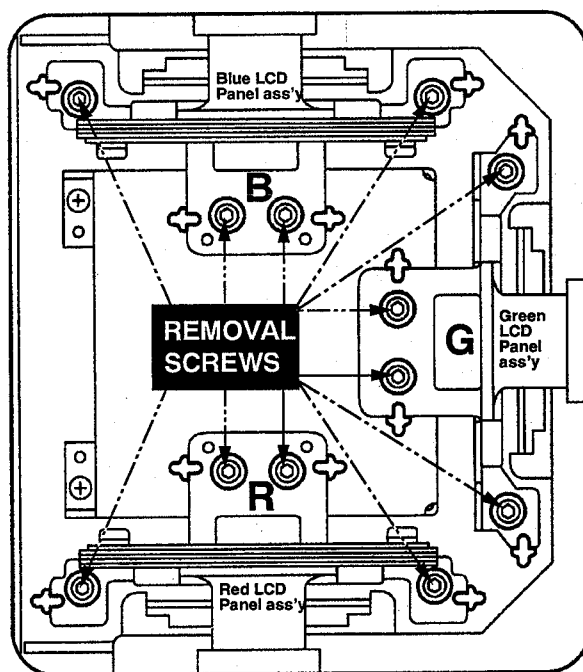
10. Mirror(B)
11. Optical Filter
12. Polarized Glass(IN/R)
13. Polarized Glass(IN/G)
14. Polarized Glass(IN/B)
15. Dichroic Mirror(B)
16. Dichroic Mirror(G)

DISASSEMBLIES AND REPLACEMENT PROCEDURES

ASS'Y LCD PANEL REMOVAL

1. Remove 4 screws, securing the ass'y LCD Panel.
2. Pull out the ass'y LCD Panel.

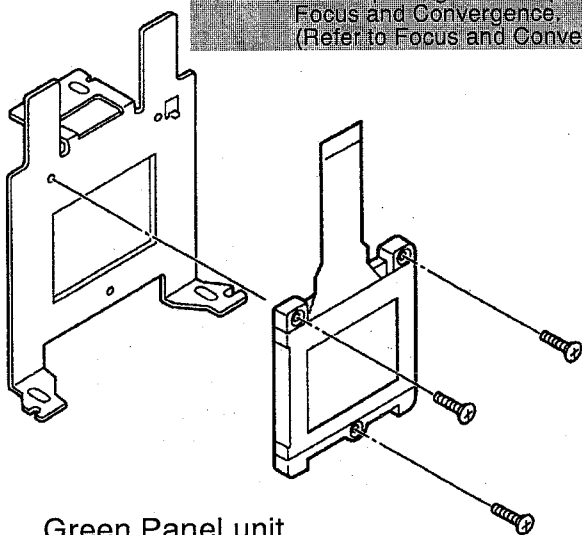
Note: After replacing the ass'y LCD panel, readjust the Focus and Convergence. (Refer to Focus and Convergence ADJ.)



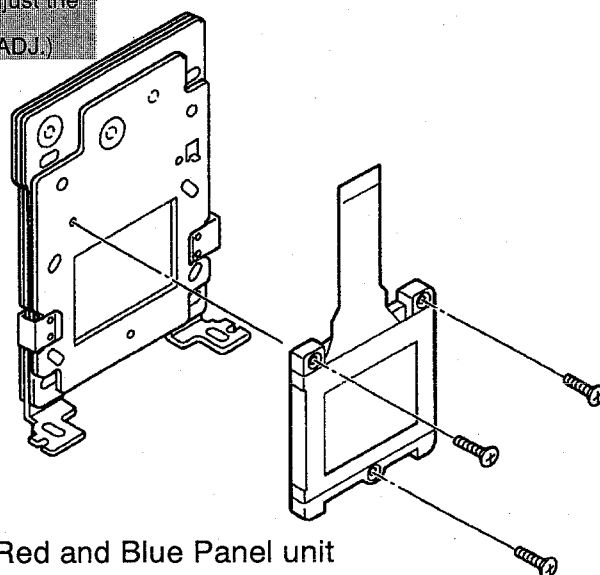
LCD PANEL REPLACEMENT

Remove 3 screws, then remove the LCD Panel and replace it.

Note: After replacing the LCD panel, readjust the Focus and Convergence. (Refer to Focus and Convergence ADJ.)

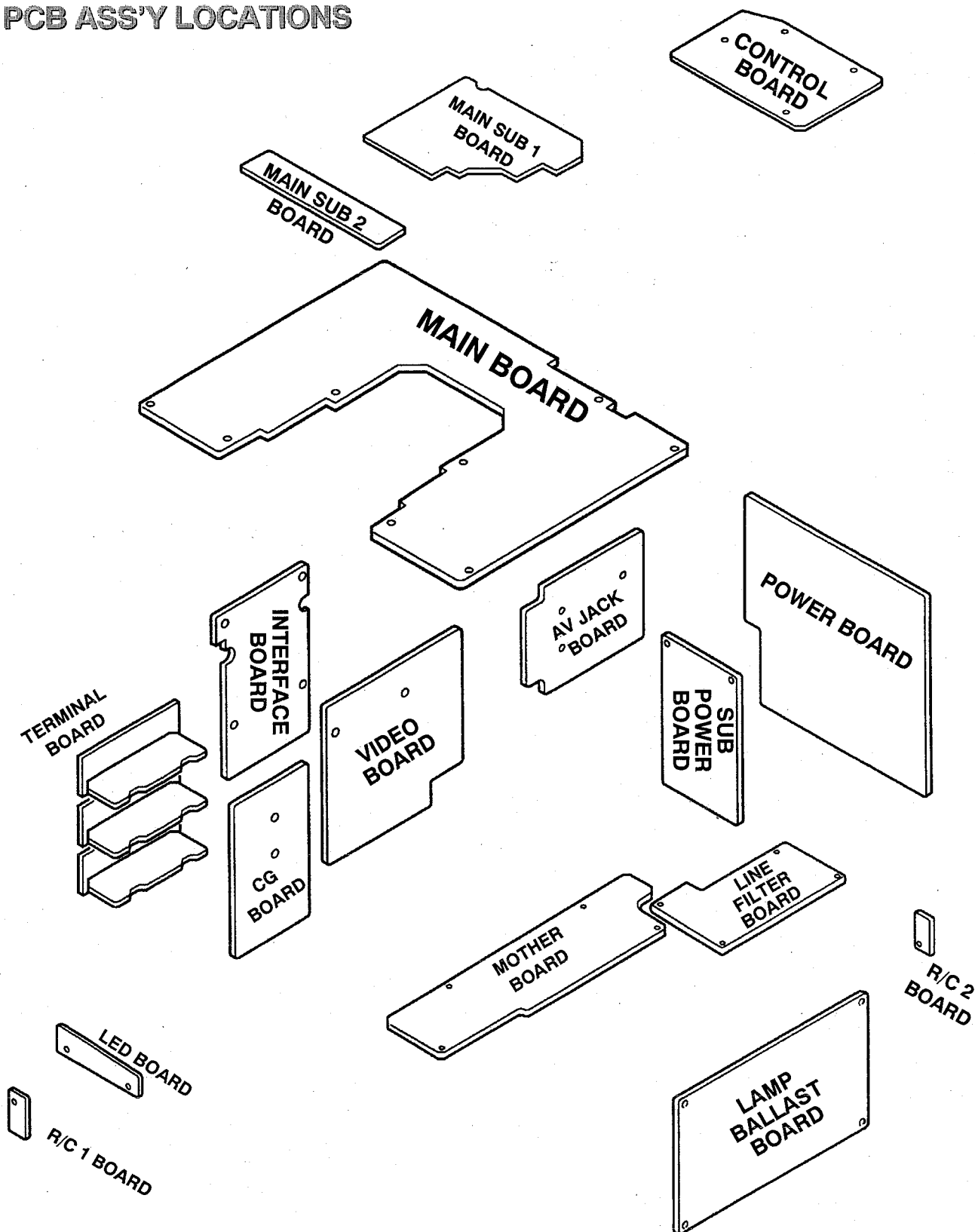


Green Panel unit



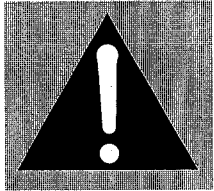
Red and Blue Panel unit

PCB ASS'Y LOCATIONS



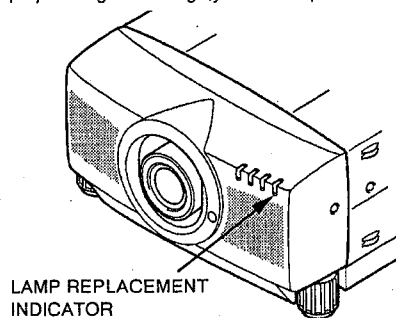
Metal halide lamp ass'y replacement

WARNING



- For continued safety, replace with a lamp assembly of the same type. part NO. 610 270 6796
- Allow the projector to cool for at least 45 minutes before you open the lamp cover. The inside of the projector can become very hot.
- Do not drop the lamp module or touch the glass bulb! The glass can shatter and cause injury.

If the lamp fails to come on and the lamp monitor on the projector light is orange, you must replace the bulb.

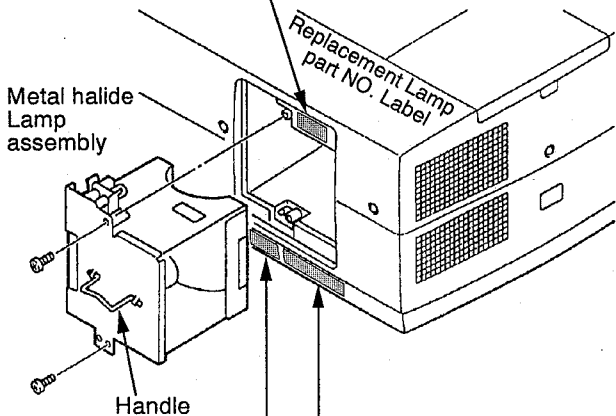
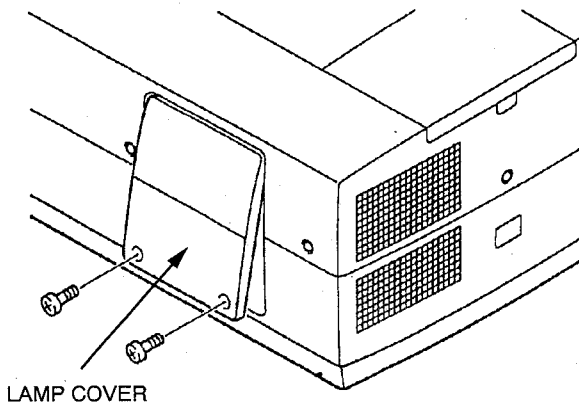


● Follow these steps to replace the lamp assembly.

1. Turn off the projector and allow the projector to cool thoroughly.
2. Disconnect the AC cord from the projector.
3. Remove 2 screws with a screwdriver and disconnect the lamp cover.
4. Remove 2 screws with a screwdriver and pull out the lamp assembly by grasping the handle.
5. Replace the lamp assembly.
6. Tighten 4 screws to secure the lamp cover to the lamp assembly.
7. Connect the detachable AC cord to the projector.
8. Reset the lamp replacement monitor timer. (Refer to next page.)

WARNING

ALLOW TO COOL BEFORE ATTEMPTING TO CHANGE THE LAMP.
USE ONLY REPLACEMENT LAMP PART NO. 610 270 6796



- ⚠ Turn off. Remove AC cord and wait 45 minutes before open this lamp cover. Refer owner's manual for replacing the lamp. Replace with same type lamp.
- ⚠ Eteindre l'appareil. Enlever le Cordon secteur et attendre 45 minutes avant d'ouvrir ce couvercle. Se reporter au mode d'emploi pour remplacer la lampe. Remplacer la lampe par un model identique.
- ⚠ Schalten Sie den Projektor aus, ziehen Sie das Stromkabel aus dem Projektor und warten Sie 45 Minuten, bevor Sie den Projektor öffnen. Lesen Sie im Manual im Kapitel "Lampenwechsel" die Details nach. Benutzen Sie nur eine offizielle Ersatzlampe des gleichen Typs.
- A

- ⚠ Apague el aparato. Desconecte el cable de red y espere 45 minutos antes de abrir la tapa. Consulte el manual de instrucciones para cambiar la lámpara. Cambie la lámpara por otra del mismo tipo.
- ⚠ Stäng av projektorn. Dra ur Kontakten och vänta 45 minuter innan Ni öppnar skyddet. Vi hänvisar till instruktionsboken innan Ni byter lampor. Använd samma typ av lampor.
- ⚠ Sluk for projektoren. Fjern netledningen fra stikkontakten og vent 45 min., før kabinettet åbnes. Se i brugsanvisningen, før lampen skiftes. Brug samme type lampe.
- B

How to check the lamp illumination time

1. Checking procedure

With the projector in operating mode (synchronize picture view condition), press the POINT UP button for 20 seconds; digital display will appear on the screen for 3 seconds.

2. Calculation of illumination

Illumination Time = 1000 - Data Value

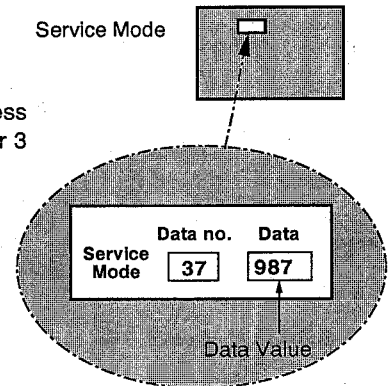
Note: If the RESET "YES" is pressed, the data of illumination time will be initialized.

3. Calculation example

1000 - 987 = 13

Approx. 13 hour of illumination

Service Mode



♠ RESET THE LAMP REPLACEMENT MONITOR TIMER.

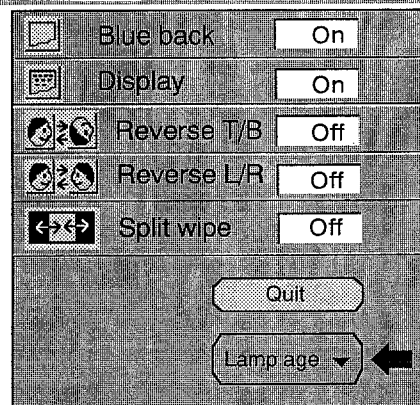
NOTE: Do not reset the LAMP REPLACEMENT MONITOR TIMER, except after the lamp is replaced.

1. Pressing the "MENU" Button and "SELECT" Button on the projector simultaneously and hold for 3 seconds.
2. Move the arrow by pressing the POINT UP/DOWN BUTTON(s) to select Lamp age and then press the SELECT (REAR CLICK) BUTTON. When you reset the lamp replace monitor, "lamp replace monitor reset?" is displayed for confirmation.
3. Move the arrow to Yes and then press the SELECT (REAR CLICK) BUTTON, "OK?" is displayed for confirmation. Move the arrow to Yes and then press the SELECT (REAR CLICK) BUTTON, the lamp replace monitor is reset.
4. Move the arrow to No and then press the SELECT (REAR CLICK) BUTTON. The lamp replace monitor is not reset.
5. To quit the MENU, move the arrow to Quit and then press the SELECT (REAR CLICK) BUTTON.

MAIN MENU DISPLAY



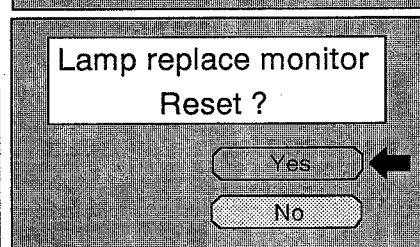
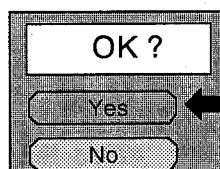
SETTING DISPLAY



Recommendation

Should the air filter become clogged with dust particles, it will reduce the cooling fan's effectiveness and may result in internal heat build up and short lamp life. We recommend cleaning the air filter after the projection lamp is replaced.

Refer to AIR FILTER CARE AND CLEANING on the Owner's Manual.



FUSE REPLACEMENT

WARNING



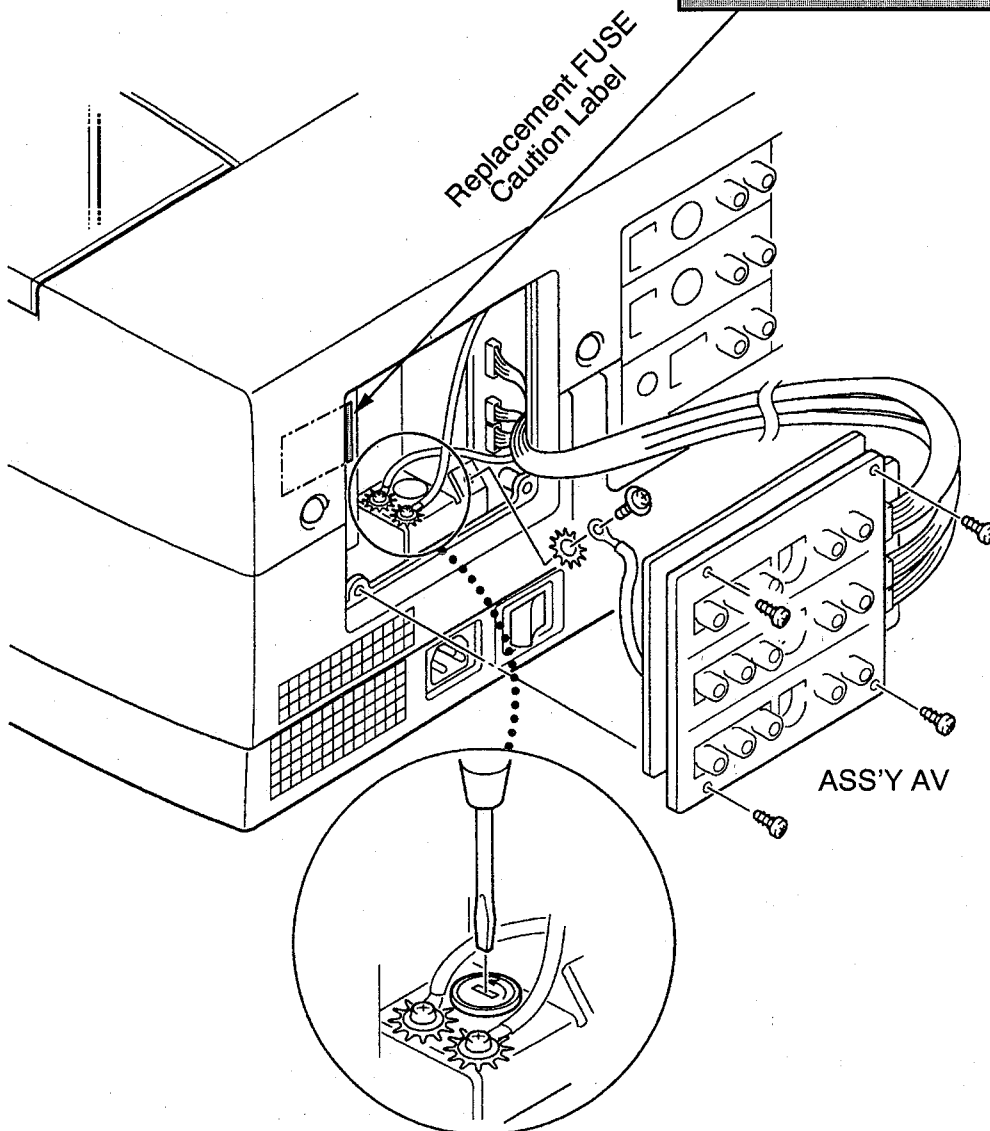
- FOR CONTINUED SAFETY, REPLACE WITH A FUSE OF THE SAME TYPE.

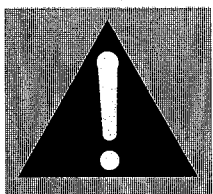
PART NO. 423 025 1201

TYPE T8.0AH250V FUSE. (LITTELFUSE INC. TYPE 215)

CAUTION : FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE, REPLACE ONLY WITH TYPE T8.0AH250V FUSE. (LITTELFUSE INC. TYPE 215)

ATTENTION : POUR MAINTENIR LA PROTECTION CONTRE LES RISQUES D'INCENDIE, N'UTILISER QUE DES FUSIBLES DE RECHANGE CALIBRES A T8.0AH250V. (LITTELFUSE INC. TYPE 215)





SAFETY INSTRUCTIONS

[SAFETY PRECAUTIONS]

WARNING: The chassis of this projector is isolated (COLD) from AC line by using the converter transformer. Primary side of the converter transformer and lamp power supply unit circuit is connected to the AC line and it is hot, which hot circuit is identified with the line in the schematic diagram. For continued product safety and protection of personnel injury, servicing should be made with qualified personnel.

The following precautions must be observed:

1. An isolation transformer should be connected in the power line between the projector and the AC line before any service is performed on the projector.
2. Comply with all caution and safety - related notes provided on the cabinet back, cabinet bottom, inside the cabinet or on the chassis.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers or shields and barriers.

DO NOT OPERATE THIS PROJECTOR WITHOUT THE PROTECTIVE SHIELD IN POSITION AND PROPERLY SECURED.

4. Before replacing the cabinet cover, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any projector to the customer, the service personnel must perform the following safety checks and be sure that it is completely safe to operate without danger of electrical shock.

[PRODUCT SAFETY NOTICE]

Product safety should be considered when a component replacement is made in any area of the projector. Components indicated by a mark (\triangle) in the parts list and the schematic diagram designate components in which safety can be of special significance. It is, therefore, particularly recommended that the replacement of these parts must be made by exactly the same parts.

[SERVICE PERSONNEL ---- WARNING]

Eye damage may result from directly viewing the light produced by the Lamp used in this equipment.

Always turn off Lamp before opening cover. ultraviolet radiation eye protection required during this servicing.

Never turn the power on without the lamp to avoid electric- shock or damage of the devices since the stabilizer generates high voltages(15kV - 25kV) at its start.

Since the lamp is very high temperature during units operation. Replacement of the lamp should be done at least one hour after the power has been turned off, to allow the lamp cool - off.

ELECTRICAL ADJUSTMENTS

※ 1. P.F.C. OUTPUT VOLTAGE ADJUSTMENT

CAUTION

- ★ AFTER REPLACING THE PARTS IN THE P.F.C. CIRCUIT, READJUST THE P.F.C. OUTPUT VOLTAGE.

Equipment..... Digital voltmeter
Connections..... + K6D pin1
..... - K6D pin3

Ac input voltage..... 230V AC
Adjustment:..... Adjust VR71 to read $370 \pm 2.0V$ DC
or
Ac input voltage..... 120V AC
Adjustment:..... Adjust VR71 to read $320 \pm 2.0V$ DC

Caution;

Be sure to connect the lamp to its power supply when doing the adjustment.

※ NOTE ; P.F.C..... POWER FACTOR CORRECTION

2. +6V DC VOLTAGE ADJUSTMENT

CAUTION

- ★ AFTER REPLACING THE PARTS IN THE +6V DC CIRCUIT, READJUST THE +6V DC VOLTAGE.

Equipment..... Digital voltmeter
Connections..... + ; K6E pin2 (power board)
..... - ; Chassis ground

Adjustment:..... Adjust VR662 to read $6.0 \pm 0.1V$ DC

3. +15V DC VOLTAGE ADJUSTMENT

CAUTION

- ★ AFTER REPLACING THE PARTS IN THE +15V DC CIRCUIT, READJUST THE +15V DC VOLTAGE.

Equipment..... Digital voltmeter
Connections..... + ; K6E pin5 (power board)
..... - ; Chassis ground

Adjustment:..... Adjust VR661 to read $15.5 \pm 0.1V$ DC

4. 12V DC VOLTAGE ADJUSTMENT

CAUTION

AFTER REPLACING THE PARTS IN THE +12V DC CIRCUIT, READJUST THE +12V DC VOLTAGE.

Equipment..... Digital voltmeter
Connections..... + ; K6J pin5 (sub power board)
..... - ; Chassis ground

Adjustment:..... Adjust VR681 to read $12.0 \pm 0.1V$ DC

CAUTION

- After replacing the ASSY MAIN, readjust the adjust NO. 5-20 of electrical adjustments
- Do not replace IC806 unreasonably!! Refer to service adjustments.

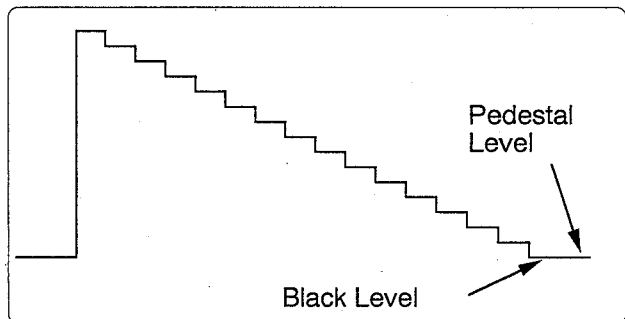
5. PEDESTAL LEVEL ADJUSTMENT

Equipment..... Oscilloscope
Connections..... TP401
..... Chassis ground

Input mode..... AV
Input signal..... 16 Step gray scale video signal(NTSC)

Picture condition..... Normal

Adjustment:.....
By using "02" data, (Refer to service adjustment) adjust pedestal level and black level to the same level.



6. RED VIDEO GAIN ADJUSTMENT

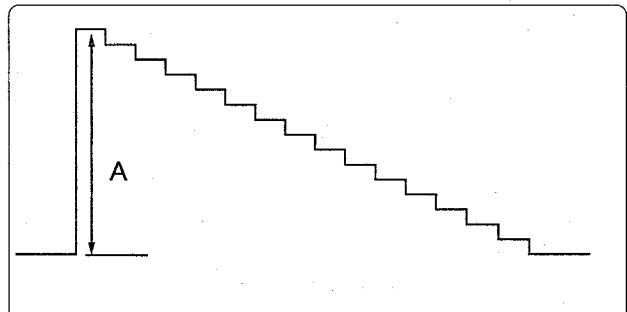
Equipment..... Oscilloscope
Connections..... TP401
..... Chassis ground

Input mode..... AV
Input signal..... 16 Step gray scale video signal (NTSC)

Picture condition..... Normal

Adjustment:.....

By using "03" data, (Refer to service adjustment) adjust A to be $1.70 \pm 0.05V$ P-P.



Alignment Procedures

7. GREEN VIDEO GAIN ADJUSTMENT

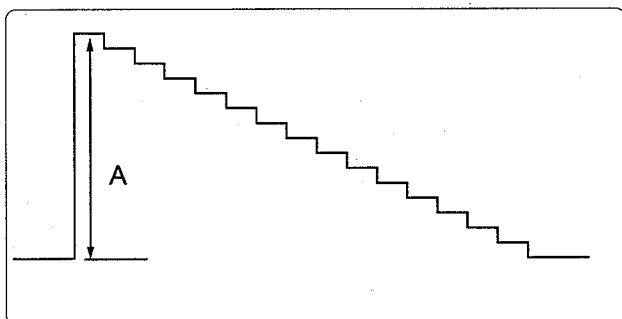
| | |
|-------------------|----------------|
| Equipment | Oscilloscope |
| Connections | TP402 |
| | Chassis Ground |

Input mode AV
Input signal
 16 Step gray scale video signal (NTSC)

Picture condition Normal

Adjustment:

By using "04" data, (refer to service adjustment)
adjust A to be $1.70 \pm 0.05V$ P-P.



8. BLUE VIDEO GAIN ADJUSTMENT

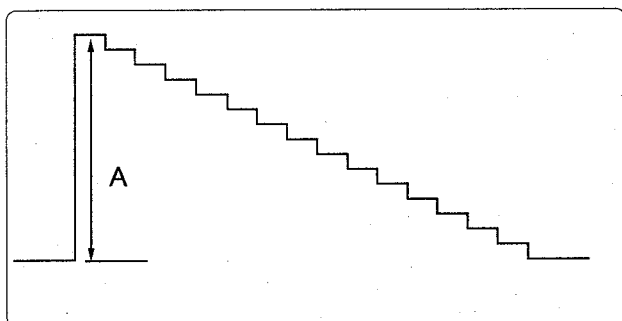
| | |
|-------------|----------------|
| Equipment | Oscilloscope |
| Connections | TP403 |
| | Chassis ground |

Input mode AV
Input signal
16 Step gray scale video signal (NTSC)

Picture condition Normal

Adjustment:

By using "05" data, (refer to service adjustment)
adjust A to be $1.70 \pm 0.05V$ P-P.



9. SUB TINT ADJUSTMENT

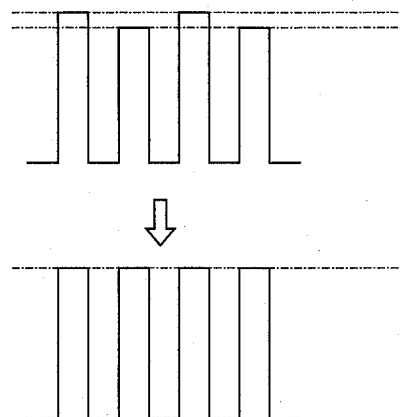
| | |
|-------------|----------------|
| Equipment | Oscilloscope |
| Connections | TP203 |
| | Chassis Ground |

Input mode AV
Input signal
Color bar signal (NTSC)

Picture condition Normal

Adjustment:

Adjust "19" data (refer to service adjustment) to get wave as shown Fig. below.



10. R-SIG DC ADJUSTMENT

Equipment Digital voltmeter
 Connections TP2503
 Chassis ground
 Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal

Adjustment: Adjust VR561 to read $7.0 \pm 0.1V$ DC.

11. G-SIG DC ADJUSTMENT

Equipment Digital voltmeter
 Connections TP2502
 Chassis ground
 Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal

Adjustment: Adjust VR531 to read $7.0 \pm 0.1V$ DC.

12. B-SIG DC ADJUSTMENT

Equipment Digital voltmeter
 Connections TP2501
 Chassis ground
 Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal

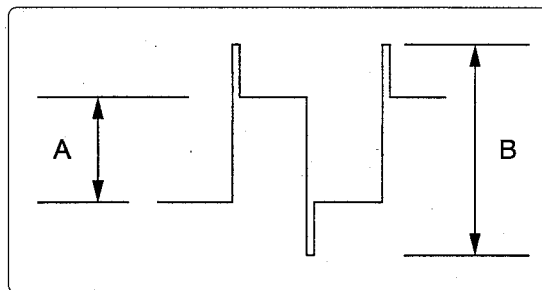
Adjustment: Adjust VR501 to read $7.0 \pm 0.1V$ DC.

13. PSIG ADJUSTMENT

Equipment Oscilloscope
 Connections TP2504
 Chassis ground
 Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal

Adjustments:

1. By using VR402, adjust A to be $3.8 \pm 0.1V$ P-P.
2. By using VR401, adjust B to be $10.0 \pm 0.1V$ P-P.



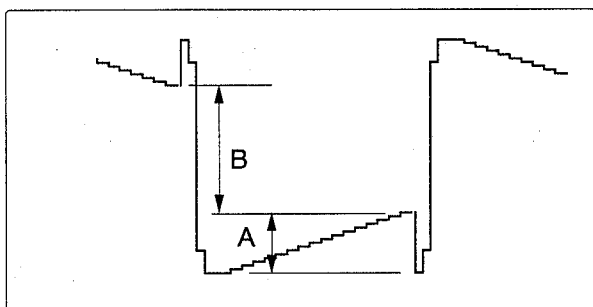
Alignment Procedures

14. G VIDEO ADJUSTMENT 1

Equipment Oscilloscope
 Connections TP2502
 Chassis ground
 Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal

Adjustments:

1. By using "00" data, (refer to service adjustment) adjust A to be $1.15 \pm 0.05V$ P-P.

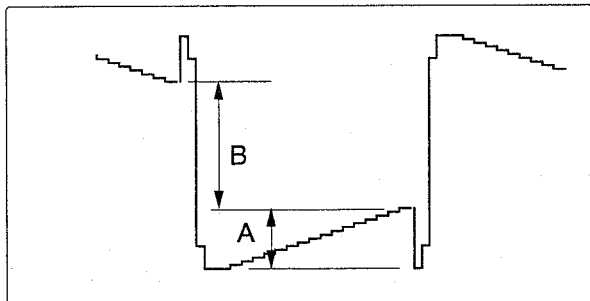


15. G VIDEO ADJUSTMENT 2

Equipment Oscilloscope
 Connections TP2502
 Chassis ground
 Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal

Adjustments:

1. By using "08" data, (refer to service adjustment) adjust B to be $1.8 \pm 0.05V$ P-P.
2. By using "07" data, (refer to service adjustment) adjust A to be $3.6 \pm 0.05V$ P-P.
3. By using "08" data, (refer to service adjustment) adjust B to be $2.2 \pm 0.05V$ P-P.

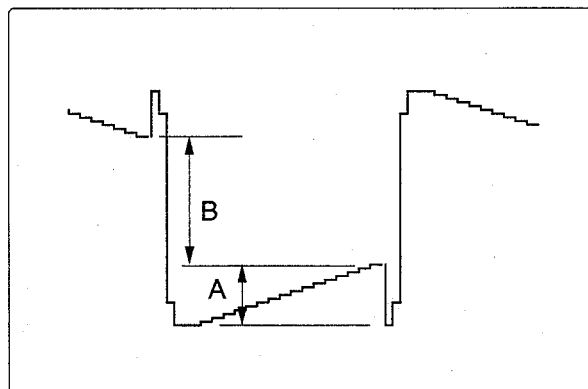


16. R VIDEO ADJUSTMENT

Equipment Oscilloscope
 Connections TP2503
 Chassis ground
 Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal

Adjustments:

1. By using "0A" data, (refer to service adjustment) adjust B to be $1.8 \pm 0.05V$ P-P.
2. By using "09" data, (refer to service adjustment) adjust A to be $3.6 \pm 0.05V$ P-P.
3. By using "0A" data, (refer to service adjustment) adjust B to be $2.2 \pm 0.05V$ P-P.



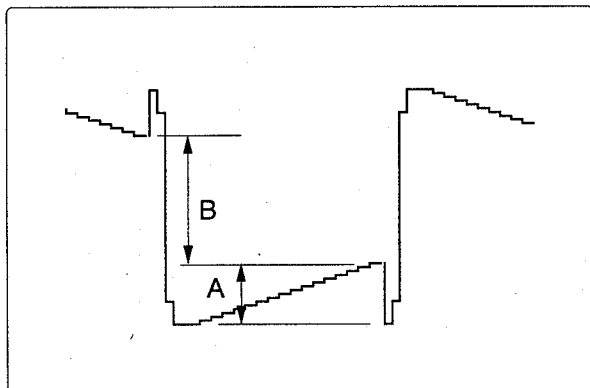
Alignment Procedures

17. B VIDEO ADJUSTMENT

Equipment Oscilloscope
Connections TP2501
..... Chassis ground
Input mode Computer
Input signal 16 Step gray scale signal
Picture condition Normal

Adjustments:

1. By using "0C" data, (refer to service adjustment) adjust B to be $1.8 \pm 0.05V$ P-P..
2. By using "0B" data, (refer to service adjustment) adjust A to be $3.6 \pm 0.05V$ P-P..
3. By using "0C" data, (refer to service adjustment) adjust B to be $2.2 \pm 0.05V$ P-P..



18. COMMON CENTER ADJUSTMENT

Input mode Computer
Picture condition Normal

Adjustments;

RED ... Cover the G and B panel to cut the light transit.

Adjust VR562 to minimum flicker on picture.

GREEN Cover the R and B panel to cut the light transit.

Adjust VR532 to minimum flicker on picture.

BLUE .. Cover the R and G panel to cut the light transit.

Adjust VR502 to minimum flicker on picture.

Alignment Procedures

19. WHITE BALANCE ADJUSTMENT

Input mode Computer
 Input signal 16 Step gray scale signal
 Picture condition Normal
 Adjustment;

1. "By using "0A" (Red) and "0C" (Blue) datas, adjust the White Balance.
 (Refer to service adjustment.)

After the adjustment, switch the INPUT mode from Computer to AV, input a gray scale Video signal or MONO scope test pattern signal. Even if you have to change the COLOR Adjustment (in Picture Image Adjustment), try to change the White Balance as little as possible.

2. When the white sides of 16 Step gray scale signal are saturated after STEP 1 of White Balance Adjustments, adjust Service Mode "10" to break up the saturation (refer to service adjustment).

Note: When Service Mode "10" (Green bias) is adjusted, Service Mode "11" (Red bias) and "12" (Blue bias) are also influenced.

White Balance is not influenced by the adjustments of Service Mode "10".

20. SAMPLE HOLD CLOCK ADJUSTMENT

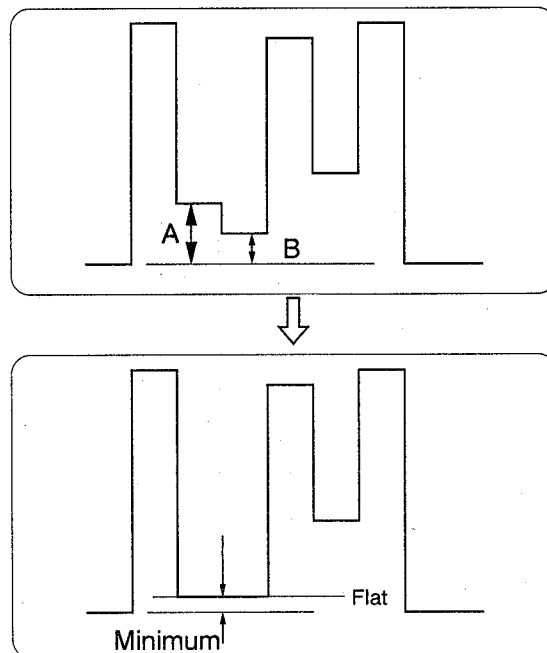
Equipment Oscilloscope
 Connections TP2502

..... Chassis ground
 Put the TP3302 signal into the EXT. Trigger Input on the oscilloscope to synchronize the TP2502 waveform.

Input mode Computer
 Input signal gray scale signal
 Picture condition Normal

Adjustments:

By using "06" data, (refer to service adjustment) adjust A and B levels to the same level, and minimum levels.



ALIGNMENT PROCEDURES

SERVICE ADJUSTMENTS

SERVICE MODE

To change the mode from the normal mode to the "Service mode" by pressing the " MENU " Button and " NORMAL " Button on the projector simultaneously and hold for 3 seconds.

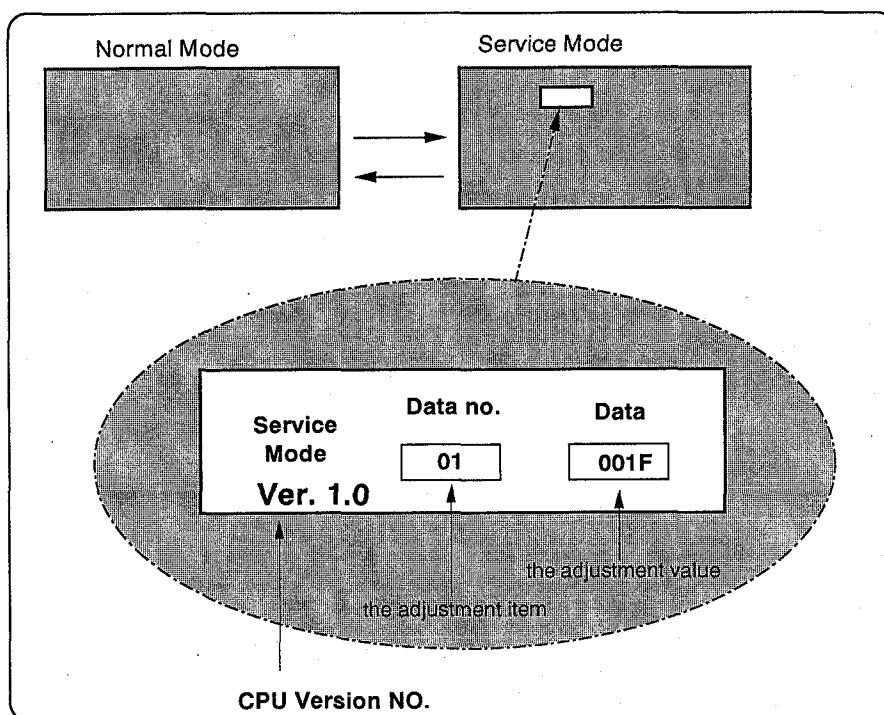
To change the mode from the Service mode to the "normal mode" by pressing the " POWER ON/OFF " Button on the projector or remote control unit .

SERVICE DATA ADJUSTMENTS

When replacing electrical parts, readjust service data, as necessary.

Data for each item is adjusted by "POINT UP / DOWN " Button and " VOLUME +/- " Button on the projector or remote control unit.

The "POINT UP " Button and "POINT DOWN " Button change the adjustment item, and "VOLUME + " Button and "VOLUME - " Button change the adjustment value.



⚠ CAUTION: Do not replace IC806 unreasonably!!

IC806 (EP-ROM) memorizes the data adjusted at Service Mode, and should not be replaced except for the case of defective product.

Lamp Illumination Time, Data No. 37 of Service Mode, is memorized in IC806 to indicate the span of Lamp Life. When IC806 is replaced, Lamp Illumination Time is reset at the same time.
(Lamp Illumination Time can not be set to the previous value.)

● Caution to replace IC806.

When IC is replaced with new one, CPU write in initial data in IC806. Initial data is not the same data as Factory Initial Data, and the further adjustments and input as follows are required.

Data No. 00, 02 ~ 0D, 10, 19 of Service Mode should be adjusted (refer to next page and Electrical adjustments).

Data except the data above is required to input the value on Data chart of Service Mode (refer to next page).

Lamp Illumination Time is reset to the initial value.

● Caution to replace Main Assy (In the case IC806 is not damaged)

When Main Assy is replaced, IC806 on new Main Assy should be replaced with the one on previous Main Assy. After replacement, adjust and check the data in IC as follow.

Readjust the adjust NO. 5~20 of electrical adjustments (refer to Electrical adjustments and next page).

Check the service mode data NO. 01, 0D~0F, 13~18, 1B~36, 38~5C, with the value on Data chart of Service Mode (refer to next page).

Lamp Illumination Time keep the value as before.

SERVICE ADJUSTMENTS

SERVICE DATA

CPU Version NO. 1.0

| Data NO. | Adjustment Item | Factory Initial Value |
|----------|--------------------------------------|------------------------------------|
| 00 | GREEN VIDEO1 adjustment | According to Electrical Adjustment |
| 01 | NOT USED | 001E |
| 02 | PEDESTAL LEVEL adjustment | According to Electrical Adjustment |
| 03 | RED VIDEO gain adjustment | According to Electrical Adjustment |
| 04 | GREEN VIDEO gain adjustment | According to Electrical Adjustment |
| 05 | BLUE VIDEO gain adjustment | According to Electrical Adjustment |
| 06 | Sample hold clock adjustment | According to Electrical Adjustment |
| 07 | Green Video2 adjustment (sub bright) | According to Electrical Adjustment |
| 08 | Green Video2 adjustment (G bias) | According to Electrical Adjustment |
| 09 | Red Video adjustment (R gain) | According to Electrical Adjustment |
| 0A | Red Video adjustment (R bias) | According to Electrical Adjustment |
| 0B | Blue Video adjustment (B gain) | According to Electrical Adjustment |
| 0C | Blue Video adjustment (B bias) | According to Electrical Adjustment |
| 0D | NOT USED | 0007 |
| 0E | ↓ | 0007 |
| 0F | | 0007 |
| 10 | White balance adj. (Green bias) | According to Electrical Adjustment |
| 11 | (Red bias) | According to Electrical Adjustment |
| 12 | (Blue bias) | According to Electrical Adjustment |
| 13 | NOT USED | 0006 |
| 14 | ↓ | 0007 |
| 15 | | 0005 |
| 16 | | 0005 |
| 17 | | 0005 |
| 18 | ↓ | 000E |
| 19 | SUB TINT Adjustment | According to Electrical Adjustment |
| 1A | NOT USED | 0007 |
| 1B | | --- |
| 1C | | --- |
| 1D | | --- |
| 1E | | 0000 |
| 1F | | 0010 |
| 20 | | 0033 |
| 21 | | 0031 |
| 22 | | 0004 |
| 23 | | 0000 |
| 24 | | 0000 |
| 25 | | 0001 |
| 26 | | 04E6 |
| 27 | | 0316 |
| 28 | | 03DE |
| 29 | | 0514 |
| 2A | | 05AA |
| 2B | | 037A |
| 2C | | 0447 |
| 2D | | 063B |
| 2E | | 063B |
| 2F | | 0001 |
| 30 | | --- |
| 31 | | --- |
| 32 | | --- |
| 33 | ↓ | 0001 |

- Data is not related to the service and maintenance except for Data No. 00, 02~0C, 10~12, 19.
If the value of those data is not set as Factory Initial Data, reset the data as Factory Initial Data.

XXX

SERVICE ADJUSTMENTS

SERVICE DATA

CPU Version NO. 1.0

| Data NO. | Adjustment Item | Factory Initial Value |
|----------|---|--|
| 34 | NOT USED | 0003 |
| 35 | ↓ | 0000 |
| 36 | | 0000 |
| 37 | LAMP ILLUMINATION TIME | READ ONLY |
| 38 | NOT USED | 0000 |
| 39 | | ---- |
| 3A | | ---- |
| 3B | | ---- |
| 3C | | ---- |
| 3D | | ---- |
| 3E | | ---- |
| 3F | | ---- |
| 40 | | NTSC 051C / PAL 052F |
| 41 | | NTSC 0220 / PAL 0222 |
| 42 | | NTSC 04CA / PAL 04E0 |
| 43 | | NTSC 0010 / PAL 0016 |
| 44 | | NTSC 01CD / PAL 0202 |
| 45 | | NTSC 0249 / PAL 0245 |
| 46 | | NTSC 004B / PAL 004E |
| 47 | | NTSC 02FD / PAL 02EF |
| 48 | | NTSC 0004 / PAL 0004 |
| 49 | | NTSC 0510 / PAL 0518 |
| 4A | | NTSC 0220 / PAL 0222 |
| 4B | | NTSC 04C4 / PAL 04D3 |
| 4C | | NTSC 0005 / PAL 0006 |
| 4D | | NTSC 0268 / PAL 0301 |
| 4E | | NTSC 0246 / PAL 0241 |
| 4F | | NTSC 004D / PAL 0052 |
| 50 | | NTSC 028C / PAL 028D |
| 51 | | NTSC 0068 / PAL 0076 |
| 52 | | 0002 |
| 53 | | ---- |
| 54 | | ---- |
| 55 | | ---- |
| 56 | | ---- |
| 57 | | ---- |
| 58 | | ---- |
| 59 | | ---- |
| 5A | ↓ | 1000 |
| 5B | RS232C BIT RATE | 0001 (0000 → 9600 , 0001 → 19200) |
| 5C | NOT USED | 0000 |
| 5D | Computer & AV mode or Computer mode only SELECT SWITCH | Computer & AV mode ; 0000 Computer mode only ; 0001 |

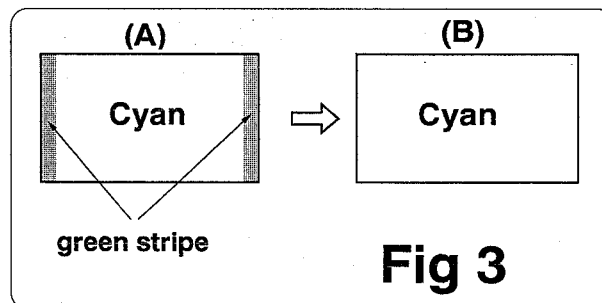
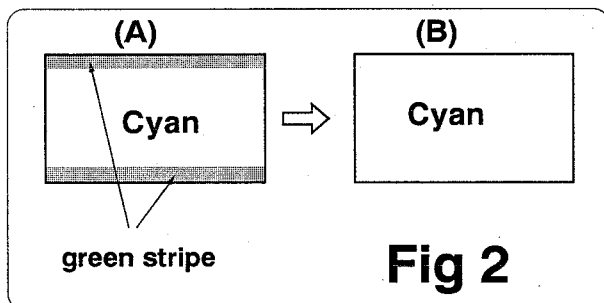
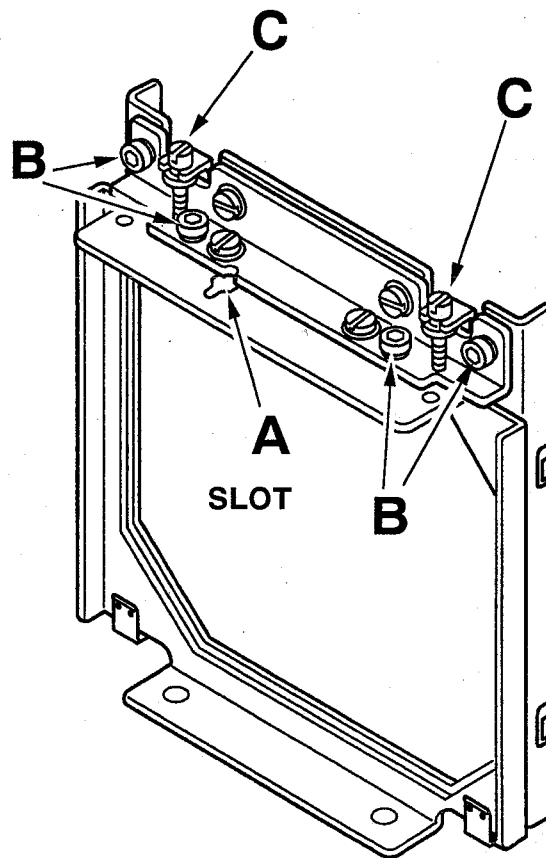
- Data is not related to the service and maintenance except for Data No. 37, 5B, and 5D.
If the value of those data is not set as Factory Initial Data, reset the data as Factory Initial Data.

XXX

1. Integrator lens adjustment

1. Set the size of a screen in about 40 inches.
2. Insert paper, etc. into Red panel to block the Red light output.
3. Loosen the screws B of integrator lens unit. (Fig. 1)
4. If the green stripe appears top or bottom on the screen as shown the Fig. 2 (A) below.
Adjust the screws C to make cyan color uniformity by using slotted screwdriver. (Fig. 2)
5. If the green stripe appears right or left on the screen as shown the Fig. 3 (A) below.
Adjust the slot A to make cyan color uniformity by using slotted screwdriver. (Fig. 3)
6. Tighten the screws B of Integrator lens unit .

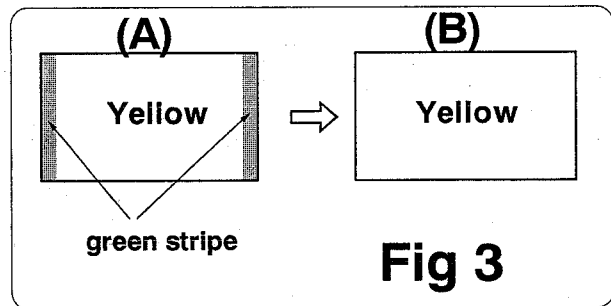
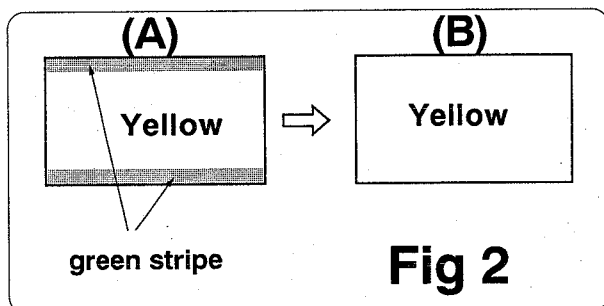
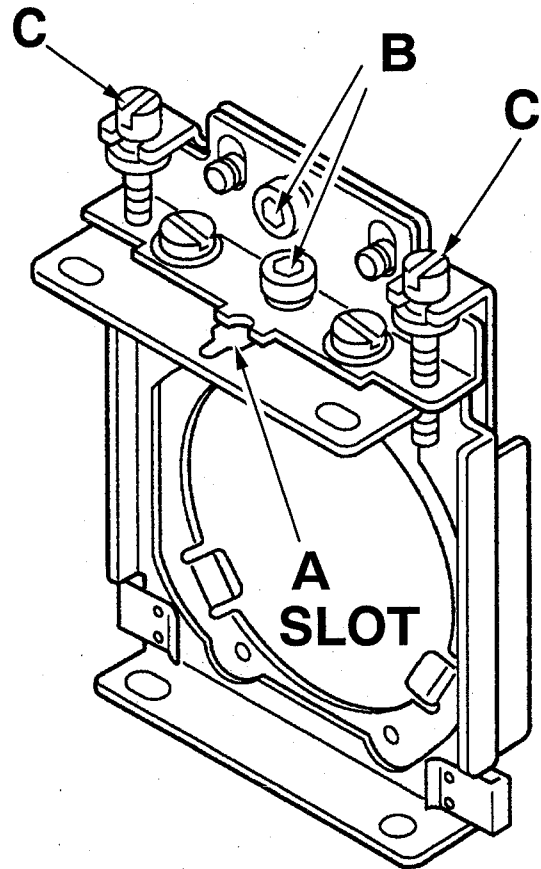
Fig.1 Integrator lens unit



2. Relay lens adjustment

1. Set the size of a screen in about 40 inches.
2. Insert paper, etc. into Blue panel to block the Blue light output.
3. Loosen the screws B of Relay lens unit.
..... (Fig. 1)
4. If the green stripe appears top or bottom on the screen as shown the Fig. 2 (A) below.
Adjust the screws C to make yellow color uniformity by using slotted screwdriver.
..... (Fig. 2)
5. If the green stripe appears right or left on the screen as shown the Fig. 3 (A) below.
Adjust the slot A to make yellow color uniformity by using slotted screwdriver.
..... (Fig. 3)
6. Tighten the screws B of Relay lens unit .

Fig.1 Relay lens unit



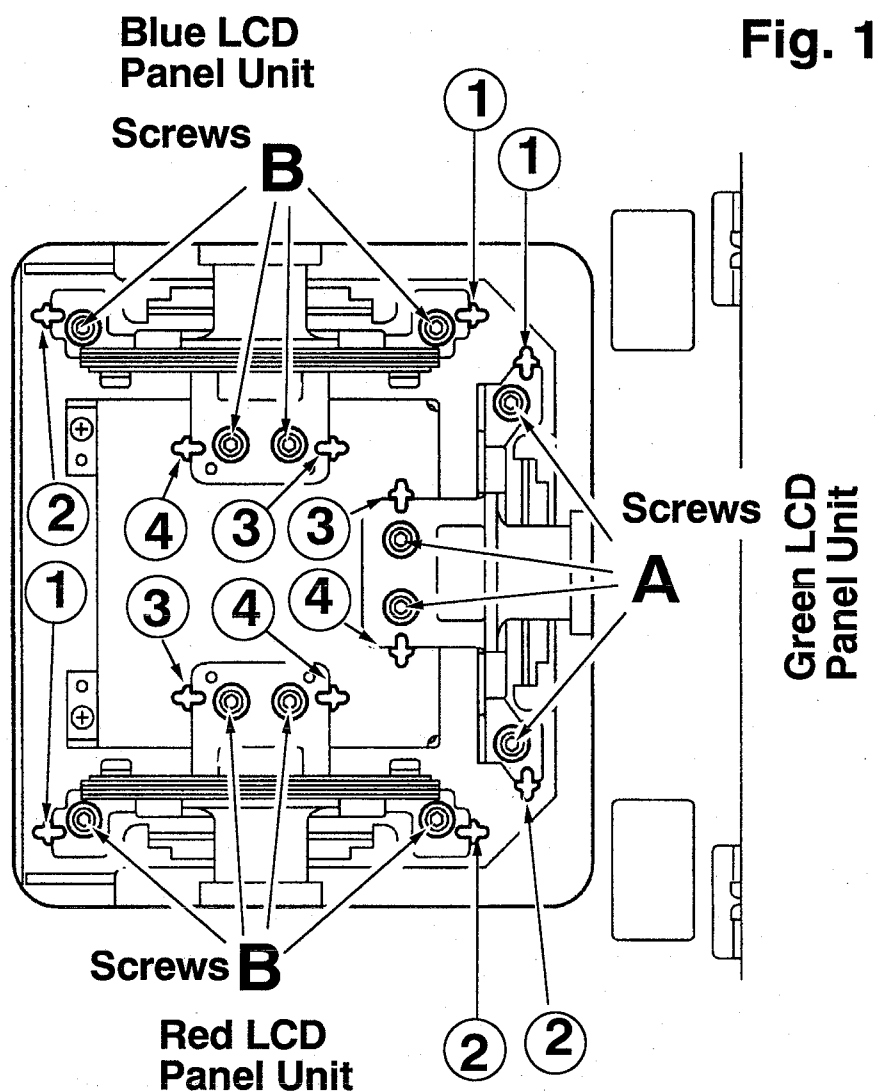
3. Focus Adjustment

For adjusting focus, first adjust the Green LCD panel unit as the standard reference. Adjust the Green panel unit position so that the screen will not go out of focus by zooming. Then bring the focus of the Blue and Red LCD panel screen into sharp focus by adjusting the position of their panel units.

【 Before adjustment ; 】

input a computer signal (Grid pattern) .

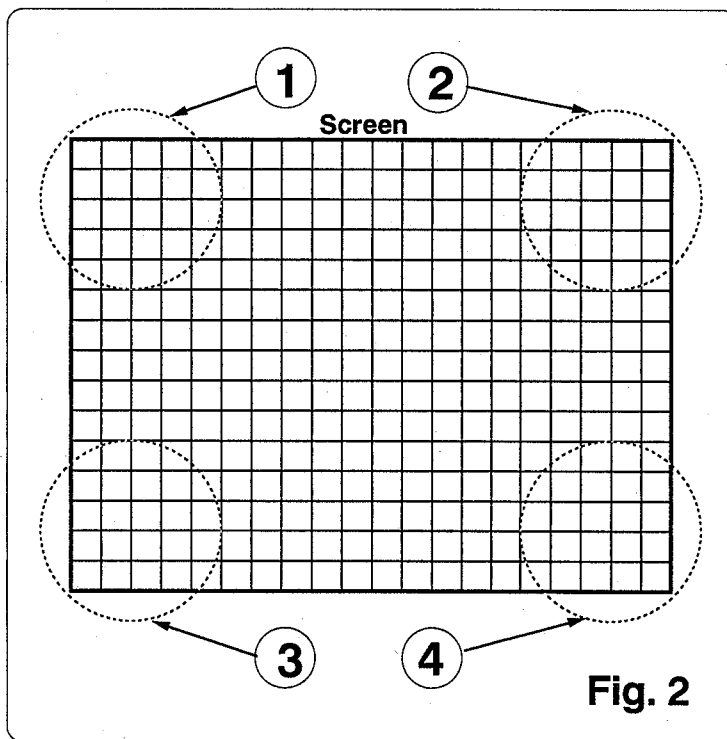
Adjustment requires a 2.5mm hex wrench and slot screwdriver .



【 Alignment procedures 】

【 Green LCD panel unit Focus Adjustment 】

1. Switch the projector on and project the adjustment pattern on the screen.
2. Insert paper, etc. in Red panel and Blue panel to block the Red and Blue light so that only Green light is projected.
3. Press zoom (∇) button on the remote control unit to the "Tele" position (to reduce image size) and press Focus(Δ) or (∇) button on the remote control unit for brst focus.
4. Press zoom (Δ) button on the remote control unit to "Wide" position (to increase image size) and confirm that the screen remains in focus. If it is in sharp focus, adjustment is complete. If not, follow the steps below.
5. Loosen the 4 screws "A" (Fig. 1) with the 2.5mm hex wrench.
6. Insert the slot type screwdriver in the slits ① ② ③ and ④ (Fig. 1) and gently turn the screwdriver until the screen ① ② ③ and ④ (Fig. 2) are in sharp focus.
7. Tighten the 4 screws "A" (previously loosened in step 5) and securely attach the Green panel unit.
8. Press zoom (∇) button on the remote control unit to the "Tele" position and check to see if sharp focus is retained. If in sharp focus, adjustment is complete. If not, repeat steps 5. to 8. above.



【 Red/Blue LCD panel unit Focus Adjustment 】

Before performing this adjustment, make sure Green LCD panel unit focus adjustment is complete.

1. Switch the projector on and project the adjustment pattern on the screen.
2. Block unnecessary light by inserting paper, etc.

in the panel so that only the Red or Blue light is projected.

3. Loosen the 4 screws "B" (Fig. 1) with the 2.5mm hex wrench.
4. Insert the slot type screwdriver in the slits ① ② ③ and ④ (Fig. 1) and gently turn the screwdriver until the screen ① ② ③ and ④ (Fig. 2) are in sharp focus.
5. Tighten the 4 screws "B" (previously loosened in step 3) and securely attach the Red or Blue panel unit.
6. Compare the projected image with the Green panel image. If the sizes of both images coincide with each other, adjustment is complete. If not, repeat steps 3. to 6. above.

【 4. Convergence Adjustment 】

【 Before Adjustment 】

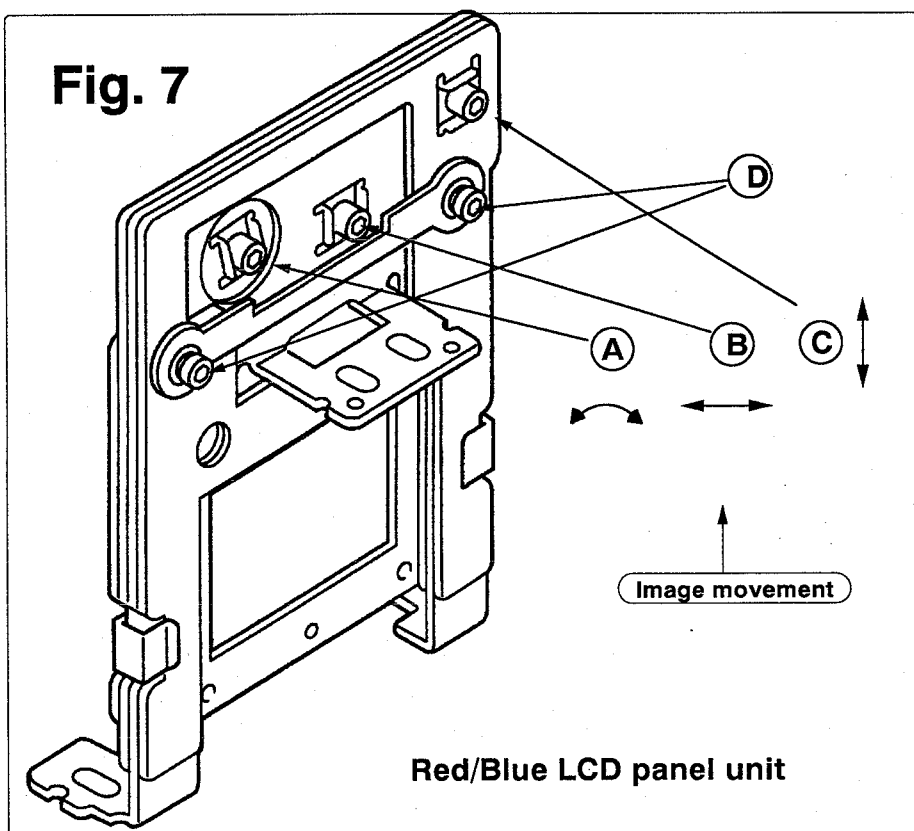
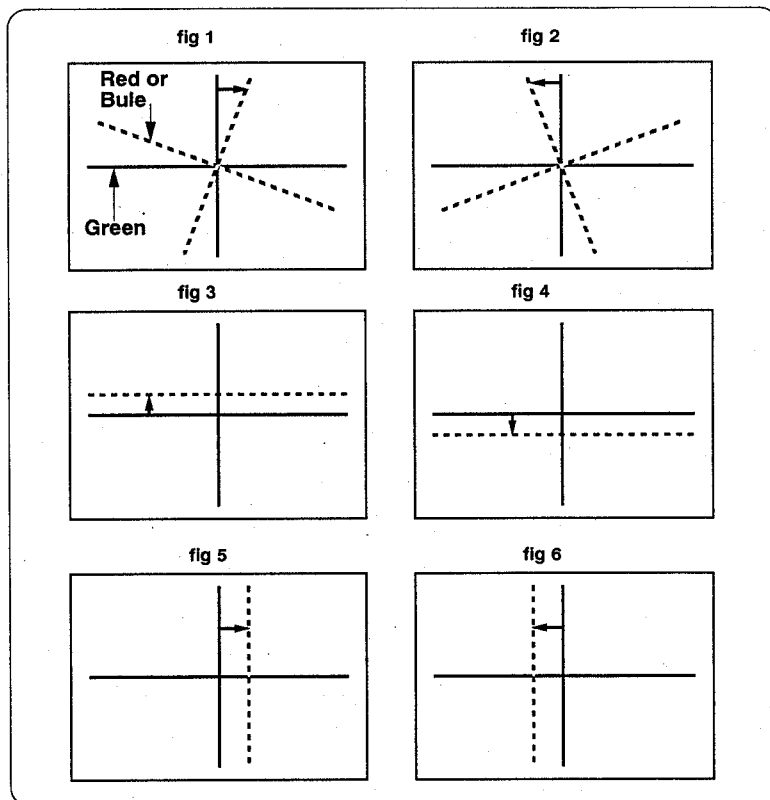
Make sure each Red, Green, Blue LCD panel unit has been correctly installed, and that all focus adjustments have been completed before performing convergence adjustments. (See Focus Adjustments)

Use a grid pattern for adjustment. First make a rough adjustment using a video signal and then fine adjust by using a computer signal.

For convergence adjustment, use Green as the reference standard. Align Red and Blue with Green by adjusting the position and angle of the Red and Blue LCD panels. Screws "A", "B" and "C" (Fig.7 & 8) are for convergence adjustment.

【 Image Movement According to Adjustment Screw Turning Direction 】

1. Turning adjustment screw "A" turns the image. (Fig.1 & 2)
2. Turning adjustment screw "B" moves the image right and left. (Fig. 5 & 6)
3. Turning adjustment screw "C" moves the image up and down. (Fig. 3 & 4)



【 Convergence Adjustment 】

Red / Blue Panel Adjustment :

1. Switch the projector on and project a video signal (grid pattern) on the screen.
2. Block unnecessary light by inserting paper, etc. in the panel so that only the Red or Blue light is projected.
3. Loosen the 2 screws " D " (Fig. 7) using the 2.5mm hex wrench.
4. Using the screw " A " , align the Red or Blue panel so that the Red or Blue grid pattern vertical center line is parallel to the Green grid pattern vertical center line. (Fig. 1, 2)
5. Using the screw " B " align the Red or Blue vertical center line on top of the Green vertical line. (Fig. 5, 6)
6. Repeat steps 4 and 5 until the Red or Blue vertical line is aligned exactly on top of the Green vertical line.
7. Using the screw " C " align the Red or Blue horizontal center line on top of the Green horizontal center line. (Fig. 3, 4)
8. By repeating steps 4 through 7, align the Red or Blue grid pattern on top of the Green grid pattern.
9. Input a computer signal (grid signal) and check the convergence in fine sync'd condition (grid vertical line is most clear). If not aligned, repeat steps 4 through 9.
10. Tighten the four 2 screws "D" (previously loosened in step 3 above) with the 2.5mm hex wrench.
11. After tightening the screws, check convergence. If not aligned, repeat steps 2 through 10 above.

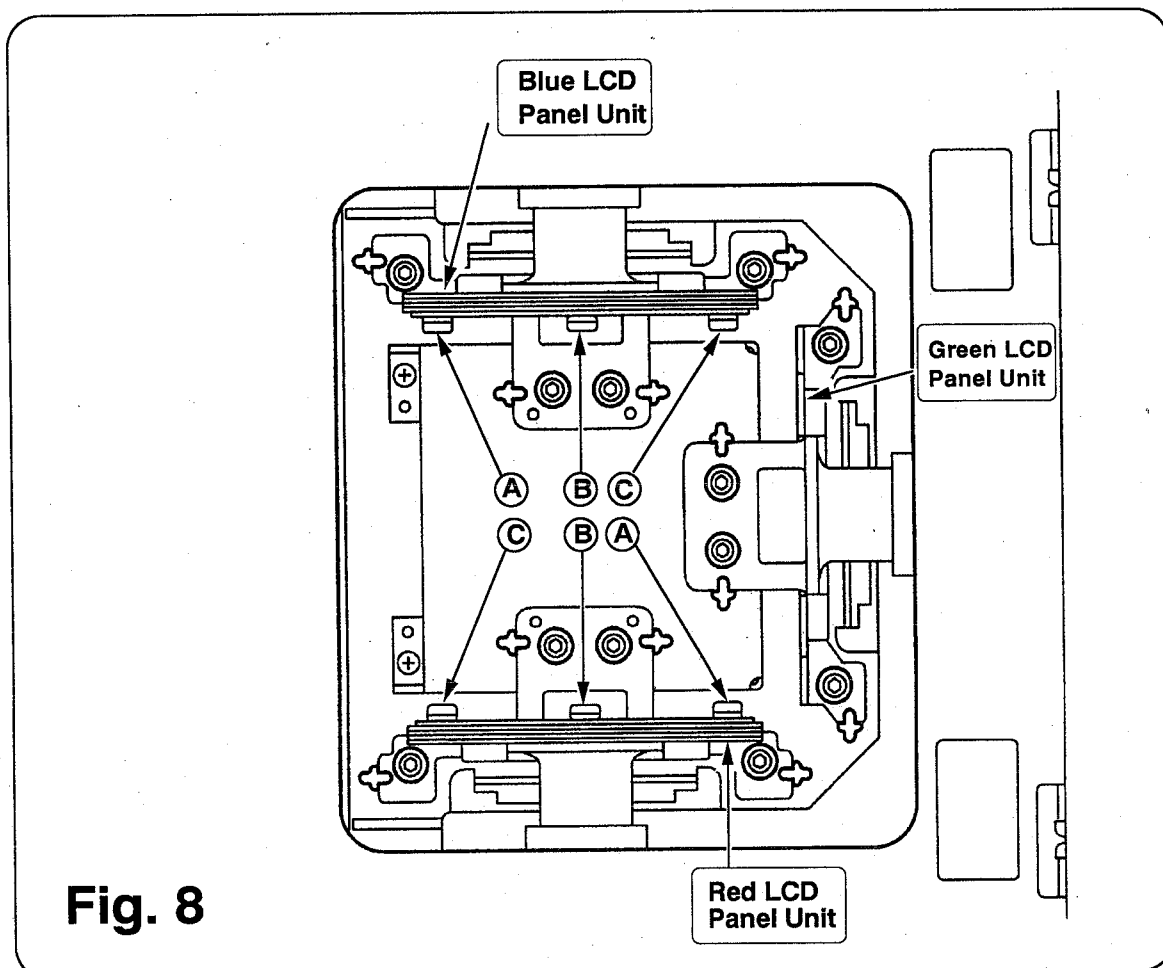
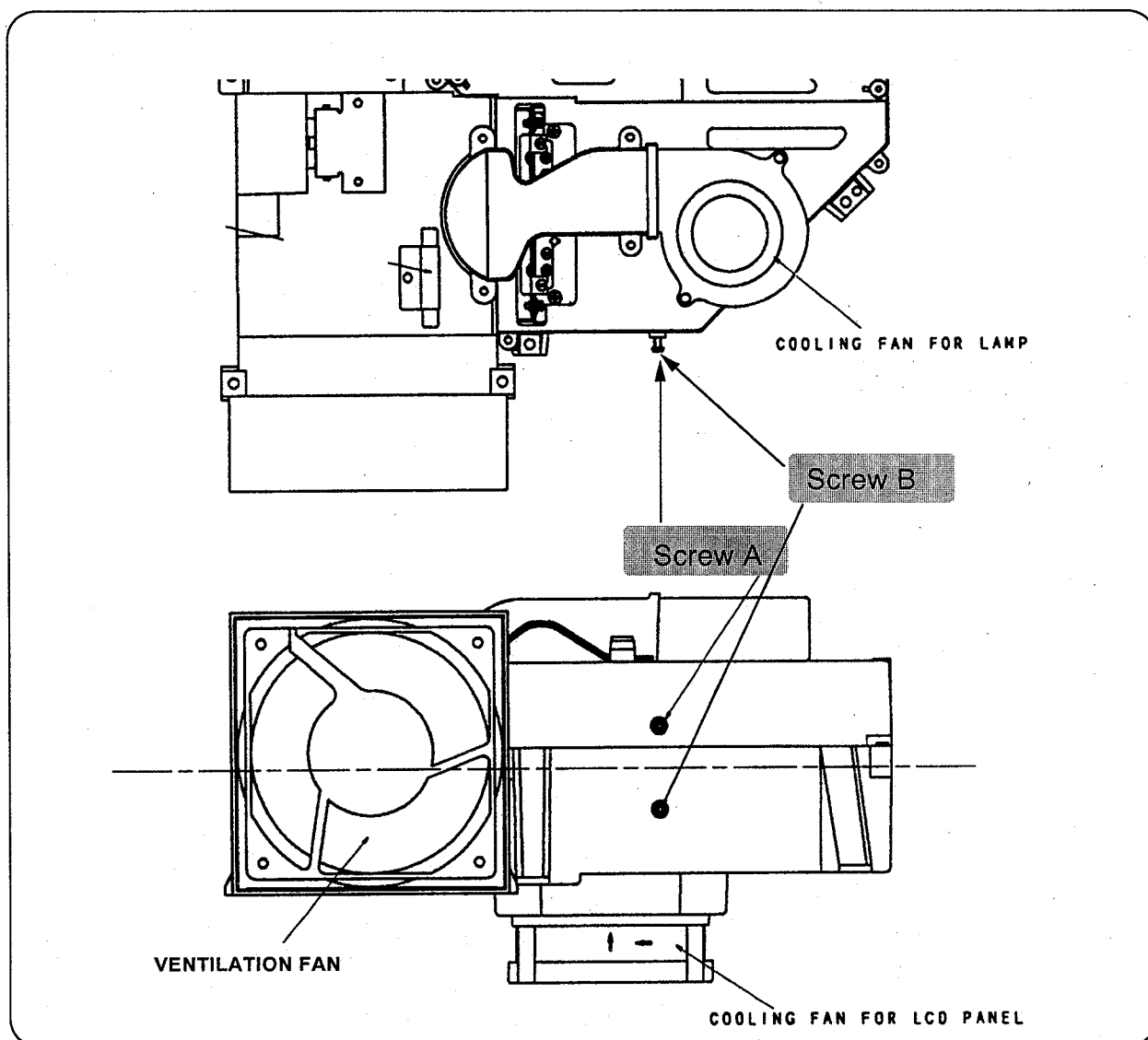


Fig. 8

5. Prism P.B.S. adjustment

1. Set size of a screen in about 40 inches.
2. Adjust screws A and B to maximum brightness on screen.



【TROUBLESHOOTING】

NO POWER

Refer to next page

PERIPHERY OF CHASSIS

1. Is fuse (F901) blown?
2. Is projection of lamp cover inside broken or not fitting?
Check the INTER LOCK switch(SW902) and lamp cover.
SW902 OPEN : abnormal
3. Is thermal switch(SW903) operating?
If temperatures periphery of lamp is reach 100 °C , turn off the thermal switch.
SW903 OPEN: abnormal
4. Is thermal switch(SW904) operating?
If temperatures periphery of LCD panel is reach 55 °C , turn off the thermal switch.
SW904 OPEN: abnormal

MOTHER BOARD

1. Check that the Vcc-voltage(IC5801 +S5V) is correct.
2. Check that the POWER FAIL signal is correct.
pin17 of K58A, pin7 of K10B, pin3 of K56B, L : abnormal
3. Check that the LAMP MONITOR signal is correct.
pin2 of K56C and pin16 of K58A H : abnormal
4. Check that the FAN DRIVE signal is correct.
pin27 of IC5801, pin4 of K56B H : ON
5. Check that the LAMP ON/OFF signal is correct.
pin5 of K56B, pin14 of K58A H : ON
6. Check that the POWER ON/OFF signal is correct.
pin26 of IC5801 H : ON

POWER SUB POWER P.F.C.HIC BOARD

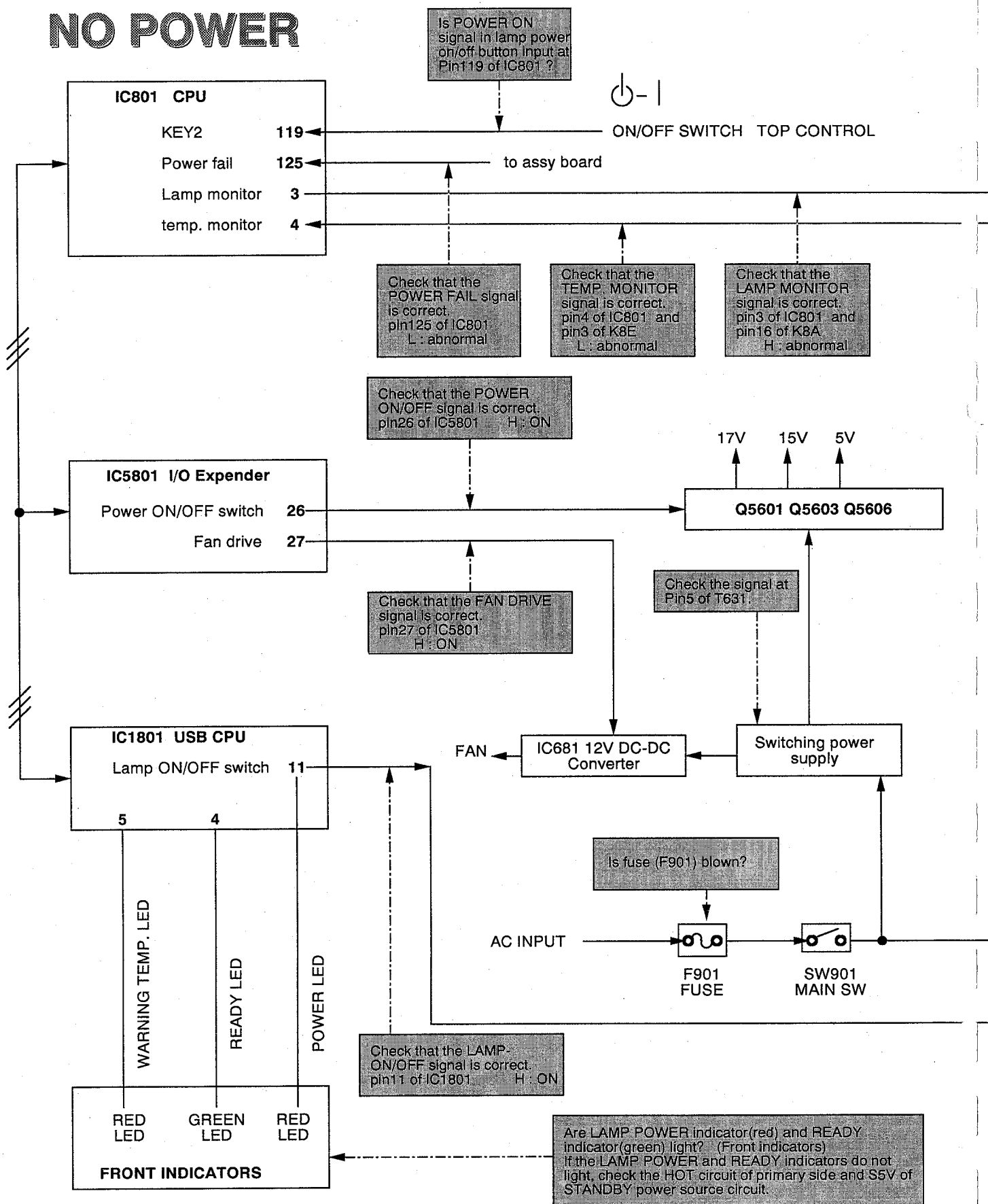
1. Are LAMP POWER indicator(red) and READY indicator(green) light? (Front indicators)
If the LAMP POWER and READY indicators do not light, check the HOT circuit of primary side and S5V of STANDBY power source circuit.
2. Check the AC 100/200 switching circuit is correct.
3. Check that the FAN DRIVE signal is correct.
pin4 of K6K L : ON
4. Check that the LAMP ON/OFF signal is correct.
pin8 of K6E , pin5 of K6K H : ON
5. Check that the POWER FAIL signal is correct.
pin3 of K6K L : abnormal
6. Check that the STANDBY S5V voltage is correct.
7. Is thermal switch(TSW601) operating?
If temperatures periphery of P.F.C. circuit is reach 85 °C , turn on the thermal switch.
Short at 85 °C OPEN: normal /SHORT : abnormal
8. Check the signal at Pin5 of T631.

MAIN BOARD

1. Check that the Vcc-voltage(IC801/IC1801/IC1801 +S5V) is correct.
2. Check that the POWER FAIL signal is correct.
pin125 of IC801 L : abnormal
3. Check that the TEMP. MONITOR signal is correct.
pin4 of IC801 and pin3 of K8E L : abnormal
4. Check that the LAMP MONITOR signal is correct.
pin3 of IC801 and pin16 of K8A H : abnormal
5. Is POWER ON signal in lamp power on/off button input at Pin119 of IC801 ?
6. Is POWER ON signal in remote-control unit input at pin143 of IC801?
7. Check that the LAMP ON/OFF signal is correct.
pin11 of IC1801, E Q882, pin14 of K8A H : ON

【 TROUBLESHOOTING 】

NO POWER



[TROUBLESHOOTING]

Is thermal switch (SW904) operating?
If temperatures periphery of LCD panel is reach 55 °C, turn off the thermal switch.
SW904 OPEN: abnormal

Abnormal temperature detection at the periphery of LCD panel

SW904

Is projection of lamp cover inside broken or not fitting?
Check the INTER LOCK switch (SW902) and lamp cover.
SW902 OPEN: abnormal

+15V

SW902

Interlock SW

SW903

Abnormal temperature detection at the periphery of LAMP

Is thermal switch (SW903) operating?
If temperatures periphery of LAMP is reach 100 °C, turn off the thermal switch.
SW903 OPEN: abnormal

Abnormal temperature detection at the periphery of P.F.C. circuit

TSW60

P.F.C. control

P.F.C.

Lamp power relay

RL601

RL602

Q661
Q662

Is thermal switch (TSW601) operating?
If temperatures periphery of P.F.C. circuit is reach 85 °C, turn on the thermal switch.
TSW601 OPEN: normal

Abnormal temperature detection at the periphery of chopper circuit

SW702

Chopper control

Chopper

ASSY. LAMP BALLAST

Is thermal switch (SW702) operating?
If temperatures periphery of chopper circuit is reach 90 °C, turn off the thermal switch.
SW702 OPEN: abnormal

Lamp monitor

SW701

Lamp driver

Abnormal temperature detection at the periphery of lamp drive circuit

Is thermal switch (SW701) operating?
If temperatures periphery of lamp driver circuit is reach 85 °C, turn on the thermal switch.
SW701 OPEN: normal

LAMP

【TROUBLESHOOTING】

NO PICTURE

AV JACK BOARD

1. Check that the Vcc-voltages(+9V,) are correct.
(IC3001, IC3021, IC5001,)
2. INPUT Video input 1 K1001
Check the signal at Pin4 of IC3001.
Check the signal at Pin3 of IC3001.
Check the signal at Pin6 of k10SA.

CG BOARD

1. Check that the Vcc-voltages(S5V,) are correct.
(IC2101, IC2102, IC2103, IC2107)
2. INPUT Computer input 1.
Check the signals at Pin 1, 8, 9, of IC2102.
Check the signals at Pin 1, 8, 9, of IC2103.
3. Check that the VIDEO/CG SELECT signal is correct.
Pin16 of IC2103 CG : L / AV : H
Base of Q2102 CG : H / AV : L

VIDEO BOARD

1. Check the Vcc-voltages at all IC.
2. Check the signal at pin6 of K10S.
3. Check the signal at TP4001. (pin3 of IC4001).
4. Check the signals at pin23, 25 of IC4001. (Y & C signal)
5. Check the signals at pin88, 96 of IC7001. (Y & C signal)
6. Check the signals at pin83, 84 of IC7001. (Y & C signal)
7. Check the signals at pin55, 57 of IC1001. (Y & C signal)
8. Check the signals at pin22, 24, 26 of IC101. (RGB signal)
9. Check the signals at pin7, 8, 9 of K10C. (RGB signal)

MAIN & MAIN SUB BOARD

1. Check the Vcc-voltages at all IC.
2. Check the signals at TP201, 202, 203.
3. Check the signals at TP241, 261, 281.
4. Check the signals at TP401, 402, 403, 1401, 1402, 1403.
5. Check the signals at TP501, 531, 561.
6. Check the signals at TP2501, 2502, 2503.
7. Are various signals and drive voltage feeding to LCD panel?

NO SOUND**AV JACK BOARD**

1. Check that the Vcc-voltage(Pin16 of IC5001 +9V) is correct.
2. INPUT AUDIO INPUT 1
Check the signals at Pin4, 15 of IC5001.
Check the signals at Pin6, 8 of K10UA.

INTERFACE BOARD

1. Check that the Vcc-voltage(+9V) is correct.
2. INPUT COMPUTER AUDIO INPUT 1
Check the signals at Pin1, 3 of IC5101.
Check the signals at Pin4, 15 of IC5101.
Check the signals at Pin2, 19 of IC5121.
Check the signals at Pin7, 14 of IC5121.
Check the signal at Pin9 of IC5121. (SDA)
Check the signal at Pin10 of IC5121. (SCL)
Check the signals at Pin5, 7 of K28P.

VIDEO BOARD

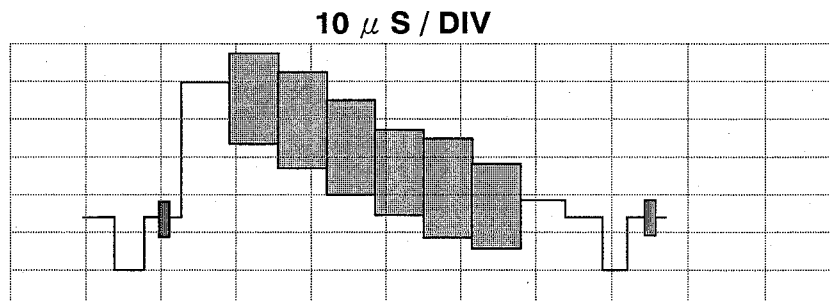
1. Check that the Vcc-voltage(+9V) is correct.
2. INPUT AUDIO INPUT 1 (AV jack board)
Check the signals at Pin2, 19 of IC5031.
Check the signals at Pin7, 14 of IC5031.
Check the signal at Pin9 of IC5031. (SDA)
Check the signal at Pin10 of IC5031. (SCL)
Check the signals at Pin9, 10 of K10D.

MOTHER BOARD

1. Check that the Vcc-voltage(+9V,+17V) is correct.
2. Check the signals at Pin1, 3 of IC002. (AV)
3. Check the signals at Pin2, 5 of IC002. (CG)
4. Check the signals at Pin4, 15 of IC002. (OUTPUT)
5. Check the signals at Pin2, 5 of IC001. (audio amp input)
6. Check the signals at Pin7, 10 of IC001.
(audio amp. out put)
7. Check that the AUDIO MUTE signal is correct.
8. Check that the SP-OFF signal is correct.
9. Check the signal at Pin19 of IC5801. (AV/CG switch)
10. Check the signal at Pin10 of IC002. (AV/CG switch)

WAVE FORMS

INPUT SIGNAL
NTSC COLOR BAR SIGNAL
1V P-P

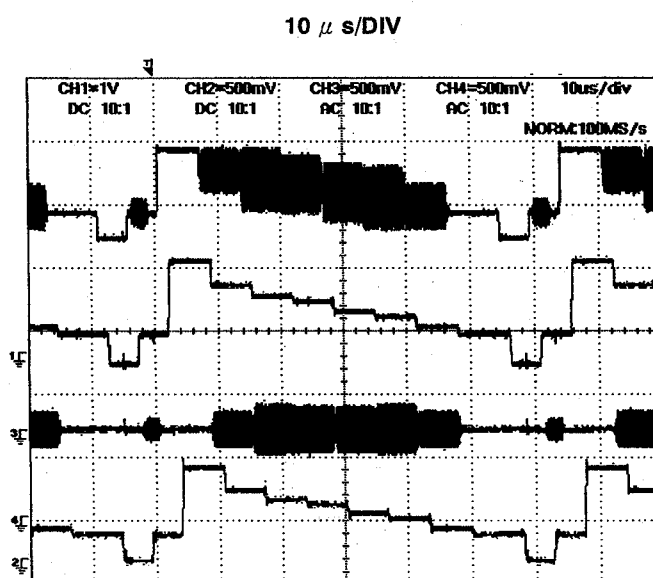


| | | |
|--------|--------|--|
| TP1001 | 1V/DIV | |
| TP101 | | |

| | | |
|--------|----------|---|
| TP7001 | 0.5V/DIV | Y |
|--------|----------|---|

| | | |
|--------|----------|---|
| TP7002 | 0.5V/DIV | C |
|--------|----------|---|

| | | |
|-------|----------|---|
| TP102 | 0.5V/DIV | Y |
|-------|----------|---|

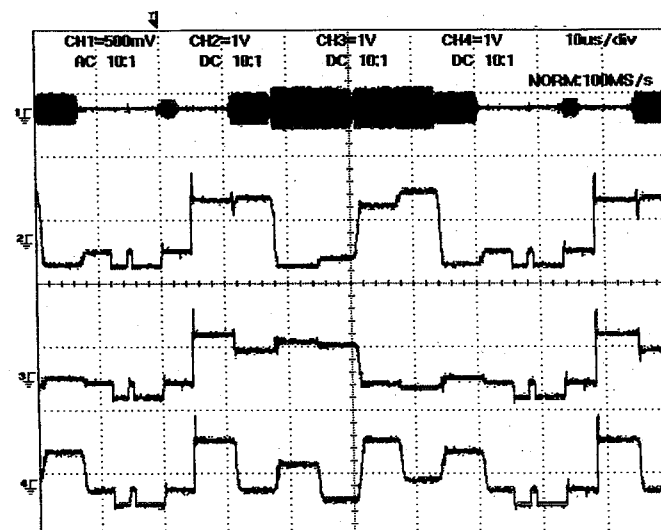


| | | |
|-------|----------|---|
| TP103 | 0.5V/DIV | C |
|-------|----------|---|

| | | |
|--------|--------|-----|
| K10C ⑨ | 1V/DIV | RED |
|--------|--------|-----|

| | | |
|--------|--------|-------|
| K10C ⑧ | 1V/DIV | GREEN |
|--------|--------|-------|

| | | |
|--------|--------|------|
| K10C ⑦ | 1V/DIV | BLUE |
|--------|--------|------|



WAVE FORMS

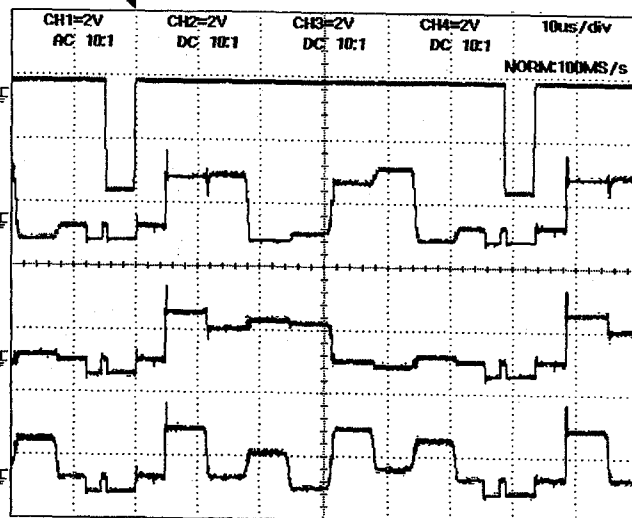
10 μ s/DIV

| | | |
|--------|--------|-------|
| TP4171 | 2V/DIV | HSYNC |
|--------|--------|-------|

| | | |
|-------|--------|-----|
| TP201 | 2V/DIV | RED |
|-------|--------|-----|

| | | |
|-------|--------|-------|
| TP202 | 2V/DIV | GREEN |
|-------|--------|-------|

| | | |
|-------|--------|------|
| TP203 | 2V/DIV | BLUE |
|-------|--------|------|

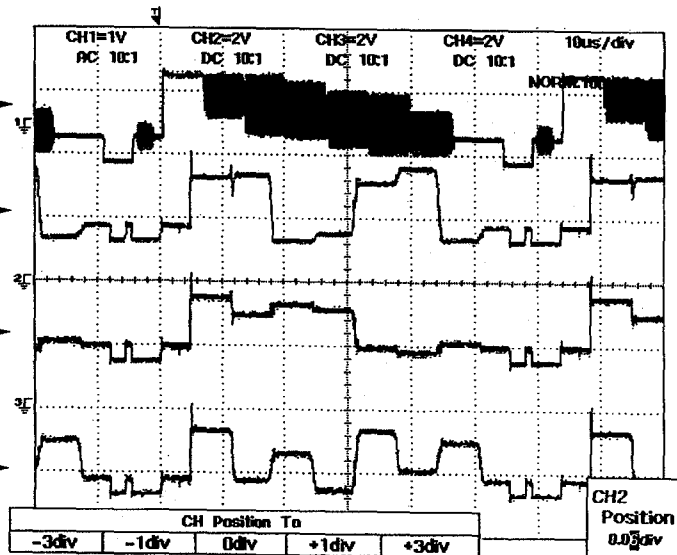


| | | |
|-----------------|--------|--|
| TP4001 TP101 | 1V/DIV | |
|-----------------|--------|--|

| | | |
|-------|--------|-----|
| TP241 | 2V/DIV | RED |
|-------|--------|-----|

| | | |
|-------|--------|-------|
| TP261 | 2V/DIV | GREEN |
|-------|--------|-------|

| | | |
|-------|--------|------|
| TP281 | 2V/DIV | BLUE |
|-------|--------|------|



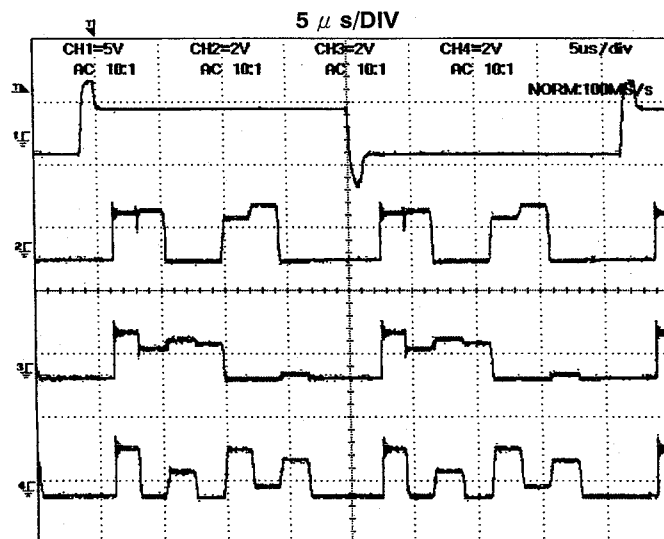
WAVE FORMS

| | | |
|--------|--------|------|
| TP2504 | 5V/DIV | PSIG |
|--------|--------|------|

| | | |
|-------|--------|-----|
| TP401 | 2V/DIV | RED |
|-------|--------|-----|

| | | |
|-------|--------|-------|
| TP402 | 2V/DIV | GREEN |
|-------|--------|-------|

| | | |
|-------|--------|------|
| TP403 | 2V/DIV | BLUE |
|-------|--------|------|

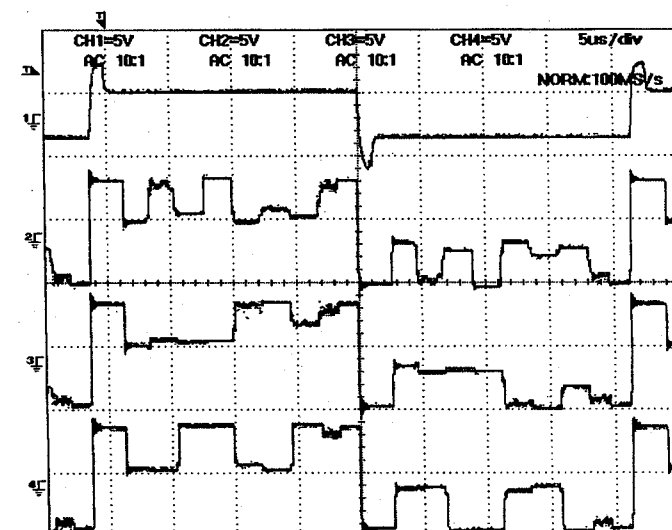


| | | |
|--------|--------|------|
| TP2504 | 5V/DIV | PSIG |
|--------|--------|------|

| | | |
|-----------------|--------|------|
| TP561 TP2503 | 5V/DIV | BLUE |
|-----------------|--------|------|

| | | |
|-----------------|--------|-------|
| TP531 TP2502 | 5V/DIV | GREEN |
|-----------------|--------|-------|

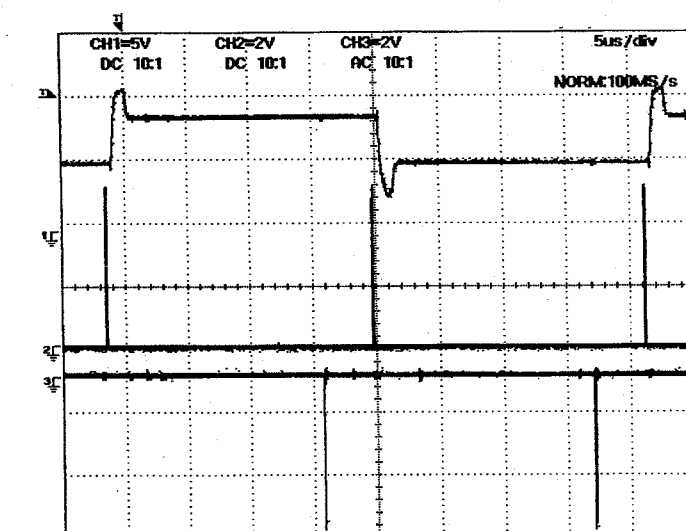
| | | |
|-----------------|--------|-----|
| TP501 TP2501 | 5V/DIV | RED |
|-----------------|--------|-----|



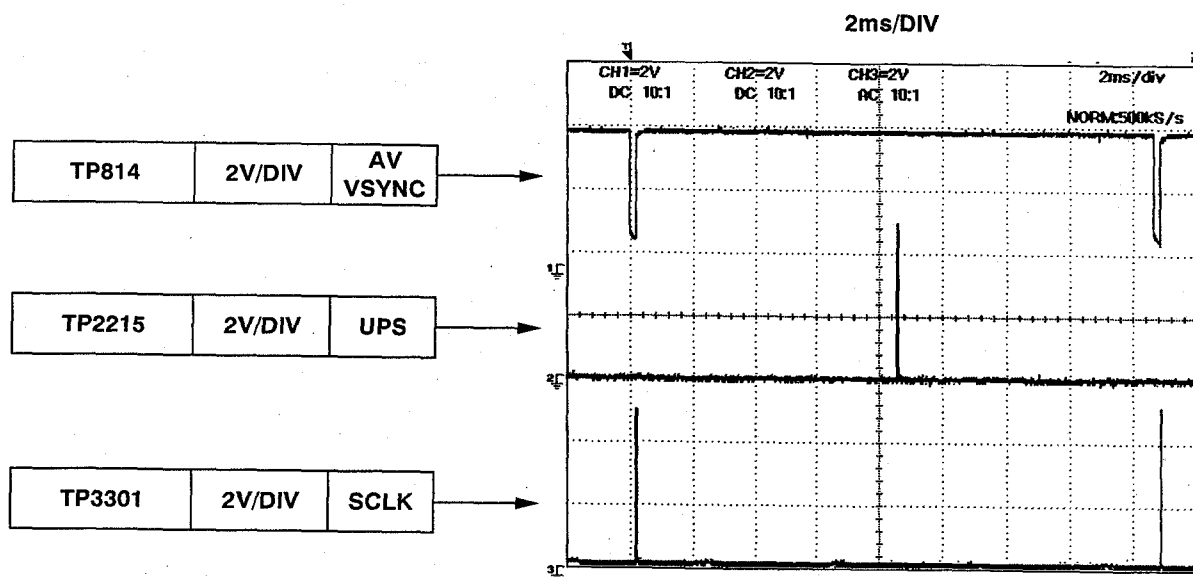
| | | |
|--------|--------|------|
| TP2504 | 5V/DIV | PSIG |
|--------|--------|------|

| | | |
|--------|--------|-----|
| TP3302 | 2V/DIV | CKC |
|--------|--------|-----|

| | | |
|--------|--------|------|
| TP2214 | 2V/DIV | HRST |
|--------|--------|------|

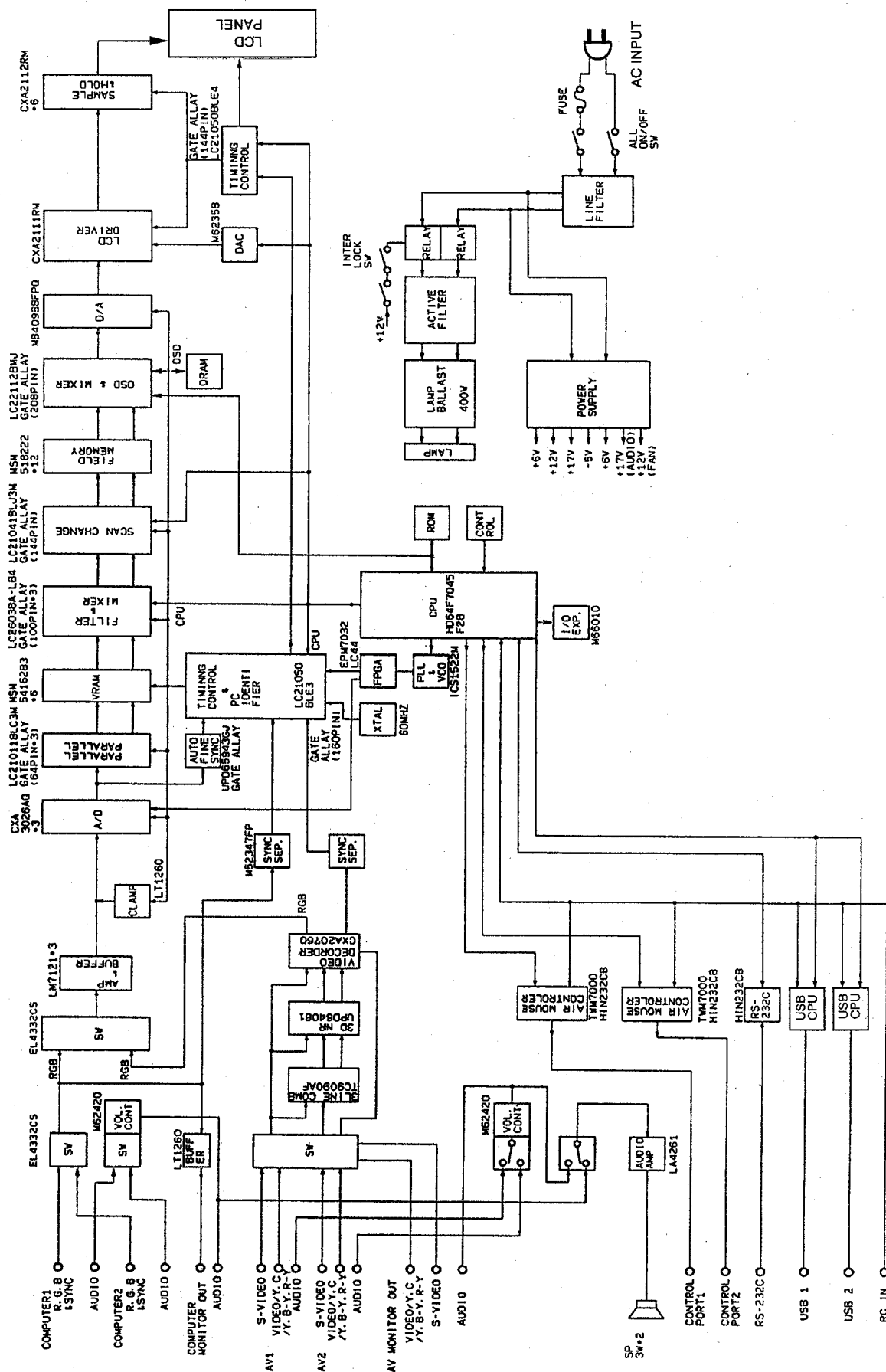


WAVE FORMS



BLOCK DIAGRAM out line (Refer to page B1~B2)

BLOCK DIAGRAM OUT LINE



CPU INPUT/OUTPUT PORT FUNCTIONS

| PIN NO. | FUNCTION | I/O | |
|---------|---------------------------------|-----------------------------|---|
| 1 | TIMING CONTROLLER STROBE SIGNAL | TO IC2201(116), IC3351(115) | O |
| 2 | SECAM ID SIGNAL INPUT | FROM IC102(18) | I |
| 3 | LAMP MONITOR DET. INPUT | FROM ASS'Y LAMP BALLAST | I |
| 4 | TEMP. MONITOR DET. INPUT | FROM TEMP. SENSOR | I |
| 5 | LENS SHIFT CENTER DET. INPUT | FROM LENS SHIFT SWITCH | I |
| 6 | VSS GND | | |
| 7 | ADDRESS 0 | FROM CG-GSYNC | I |
| 8 | ADDRESS 1 | TO IC802 | O |
| 9 | ADDRESS 2 | ↓ | O |
| 10 | ADDRESS 3 | | O |
| 11 | ADDRESS 4 | ↓ | O |
| 12 | VCC 5V | | |
| 13 | ADDRESS 5 | TO IC802 | O |
| 14 | VSS GND | | |
| 15 | ADDRESS 6 | TO IC802 | O |
| 16 | ADDRESS 7 | ↓ | O |
| 17 | ADDRESS 8 | | O |
| 18 | ADDRESS 9 | | O |
| 19 | ADDRESS 10 | | O |
| 20 | ADDRESS 11 | | O |
| 21 | ADDRESS 12 | | O |
| 22 | ADDRESS 13 | | O |
| 23 | ADDRESS 14 | | O |
| 24 | ADDRESS 15 | ↓ | O |
| 25 | ADDRESS 16 | | O |
| 26 | VCC 5V | | |
| 27 | ADDRESS 17 | TO IC802 | O |
| 28 | VSS GND | | |
| 29 | USB1-STROBE OUTPUT SIGNAL | TO IC1801(3) | O |
| 30 | USB2-STROBE OUTPUT SIGNAL | TO IC1811(3) | O |
| 31 | DRAM-RAS OUTPUT SIGNAL | TO IC5402(32) | O |
| 32 | DRAM-CAS OUTPUT SIGNAL | TO IC5402(33) | O |
| 33 | FREEZE (TO FPGA) | TO IC1251(33) | O |
| 34 | V-SYNC INPUT (LCD PANEL DRIVE) | FROM IC3301(9) | I |
| 35 | VSS GND | | |
| 36 | V-SYNC INPUT | FROM CG-VSYNC | I |
| 37 | ADDRESS 18 | TO IC802 | O |
| 38 | ADDRESS 19 | TO IC802 | O |
| 39 | FREEZE 2 (TO TIMING CONTROLLER) | TO IC2201(48) | O |
| 40 | VCC 5V | | |
| 41 | FINE SYNC SW | TO IC3354(1) | O |
| 42 | VSS GND | | |
| 43 | READ SIGNAL (OUTPUT) | TO IC802 | O |
| 44 | N.C | | O |
| 45 | IC ON/OFF SWITCH | TO IC803 804 2206 2204 2203 | O |
| 46 | VCO-ST | TO IC1201(4) | O |
| 47 | WRIGHT SIGNAL (OUTPUT) | TO IC802 | O |
| 48 | NOT USED | | O |
| 49 | NOT USED | | I |
| 50 | CHIP SELECT | TO MEMORY IC802 | O |

CPU INPUT/OUTPUT PORT FUNCTIONS

| PIN NO. | FUNCTION | I/O | |
|---------|------------------------------|---------------------------|-----|
| 51 | SAMPLE-HOLED STROVE SIGNAL | | O |
| 52 | FINE SYNC STROVE SIGNAL | | O |
| 53 | DIGITAL FILTER STROVE SIGNAL | TO IC301 IC331 IC351(96), | O |
| 54 | DAC-LOAD SIGNAL | TO IC3301(6) | O |
| 55 | VSS GND | TO IC1401(1) | |
| 56 | DARAS-STROVE SIGNAL | | O |
| 57 | FINE SYNC DATA INPUT | | I |
| 58 | IIC BUS 1 CLOCK (SCL) | IC806 | I/O |
| 59 | IIC BUS 1 DATA (SDA) | IC806 | I/O |
| 60 | | | I/O |
| 61 | VSS GND | | |
| 62 | OSD TIMING SIGNAL | | I |
| 63 | 5V | | |
| 64 | IIC BUS 2 CLOCK | | I/O |
| 65 | IIC BUS 2 DATA | | I/O |
| 66 | USB INTERFACE SIGNAL 4 | IC1801 IC1811 | I/O |
| 67 | USB INTERFACE SIGNAL 3 | IC1801 IC1811 | I/O |
| 68 | USB INTERFACE SIGNAL 2 | IC1801 IC1811 | I/O |
| 69 | USB INTERFACE SIGNAL 1 | IC1801 IC1811 | I/O |
| 70 | CPU/USB MOUSE SWITCH 1 | TO IC1801 | O |
| 71 | VSS GND | | |
| 72 | CPU/USB MOUSE SWITCH 2 | TO IC1801 | O |
| 73 | DATA BUS 15 | IC802 IC5402(74)~(91) | I/O |
| 74 | DATA BUS 14 | | I/O |
| 75 | DATA BUS 13 | | I/O |
| 76 | DATA BUS 12 | | I/O |
| 77 | VCC 5V | | |
| 78 | DATA BUS 11 | IC802 IC5402(74)~(91) | I/O |
| 79 | VSS GND | | |
| 80 | DATA BUS 10 | IC802 IC5402(74)~(91) | I/O |
| 81 | DATA BUS 9 | | I/O |
| 82 | DATA BUS 8 | | I/O |
| 83 | DATA BUS 7 | | I/O |
| 84 | DATA BUS 6 | | I/O |
| 85 | VCC 5V | | |
| 86 | DATA BUS 5 | IC802 IC5402(74)~(91) | I/O |
| 87 | VSS GND | | |
| 88 | DATA BUS 4 | IC802 IC5402(74)~(91) | I/O |
| 89 | DATA BUS 3 | | I/O |
| 90 | DATA BUS 2 | | I/O |
| 91 | DATA BUS 1 | | I/O |
| 92 | DATA BUS 0 | | I/O |
| 93 | VSS GND | | |
| 94 | XTAL | | I |
| 95 | MODE 3 | | I |
| 96 | EXTAL | | O |
| 97 | MODE 2 | | I |
| 98 | NONMASK | | I |
| 99 | FWP FLASH MEMORY WRIGHT MODE | | I |
| 100 | FLASH MODE | | O |

CPU INPUT/OUTPUT PORT FUNCTIONS

| PIN NO. | FUNCTION | I/O | |
|---------|--------------------------------------|------------------------|-----|
| 101 | DARAS MODE SELECT SIGNAL | | O |
| 102 | MODE 1 | | I |
| 103 | MODE2 | | I |
| 104 | VCC PLL | | |
| 105 | PLL FILTER | | |
| 106 | GND PLL | | |
| 107 | | | |
| 108 | RESET | FROM IC807 | I |
| 109 | USB DATA 0 | IC1801 1811 | I/O |
| 110 | USB DATA 1 | IC1801 1811 | I/O |
| 111 | USB DATA 2 | IC1801 1811 | I/O |
| 112 | VCC 5V | | |
| 113 | USB DATA 3 | IC1801 1811 | I/O |
| 114 | USB DATA 4 | IC1801 1811 | I/O |
| 115 | USB DATA 5 | IC1801 1811 | I/O |
| 116 | USB DATA 6 | IC1801 1811 | I/O |
| 117 | VSS GND | | |
| 118 | TOP CONTROLS KEY INPUT 1 (A/D) | FROM TOP CONTROLS | I |
| 119 | TOP CONTROLS KEY INPUT 2 (A/D) | FROM TOP CONTROLS | I |
| 120 | TOP CONTROLS KEY INPUT 3 (A/D) | FROM TOP CONTROLS | I |
| 121 | | | I |
| 122 | OPTION | | I |
| 123 | S-VIDEO DET. SIGNAL INPUT | FROM S-VIDEO JACK | I |
| 124 | VSS GND | | |
| 125 | POWER FAIL SIGNAL INPUT | | I |
| 126 | LENS SHIFT TOP or BOTTOM DET. SIGNAL | FROM LENS SHIFT SWITCH | I |
| 127 | 5V AV-REF | | |
| 128 | 5V AVCC | | |
| 129 | VSS GND | | |
| 130 | | | I |
| 131 | EXP. I/O DATA OUTPUT | TO IC1801,1811,5801(2) | O |
| 132 | EXP. I/O CLOCK OUTPUT | TO IC1801,1811,5801(3) | O |
| 133 | RS232C INPUT | FROM SERIAL PORT K1016 | I |
| 134 | RS232C OUTPUT | TO SERIAL PORT K1016 | O |
| 135 | VCC 5V | | |
| 136 | N.C. | | |
| 137 | USB DATA 7 | | I/O |
| 138 | EXP. I/O SYSTEM RESET SIGNAL OUTPUT | TO IC5801(6) | O |
| 139 | TIMING CONTROLLER DATA INPUT | | I |
| 140 | SERIAL DAC DATA OUTPUT | | O |
| 141 | VSS GND | | |
| 142 | EXP. I/O STROBE SIGNAL | TO IC5801(4) | O |
| 143 | REMOTE CONTROL SIGNAL INPUT | | I |
| 144 | SERIAL DAC CLOCK OUTPUT | | O |

【 MAINTENANCE 】

【 CLEANING METHODS 】

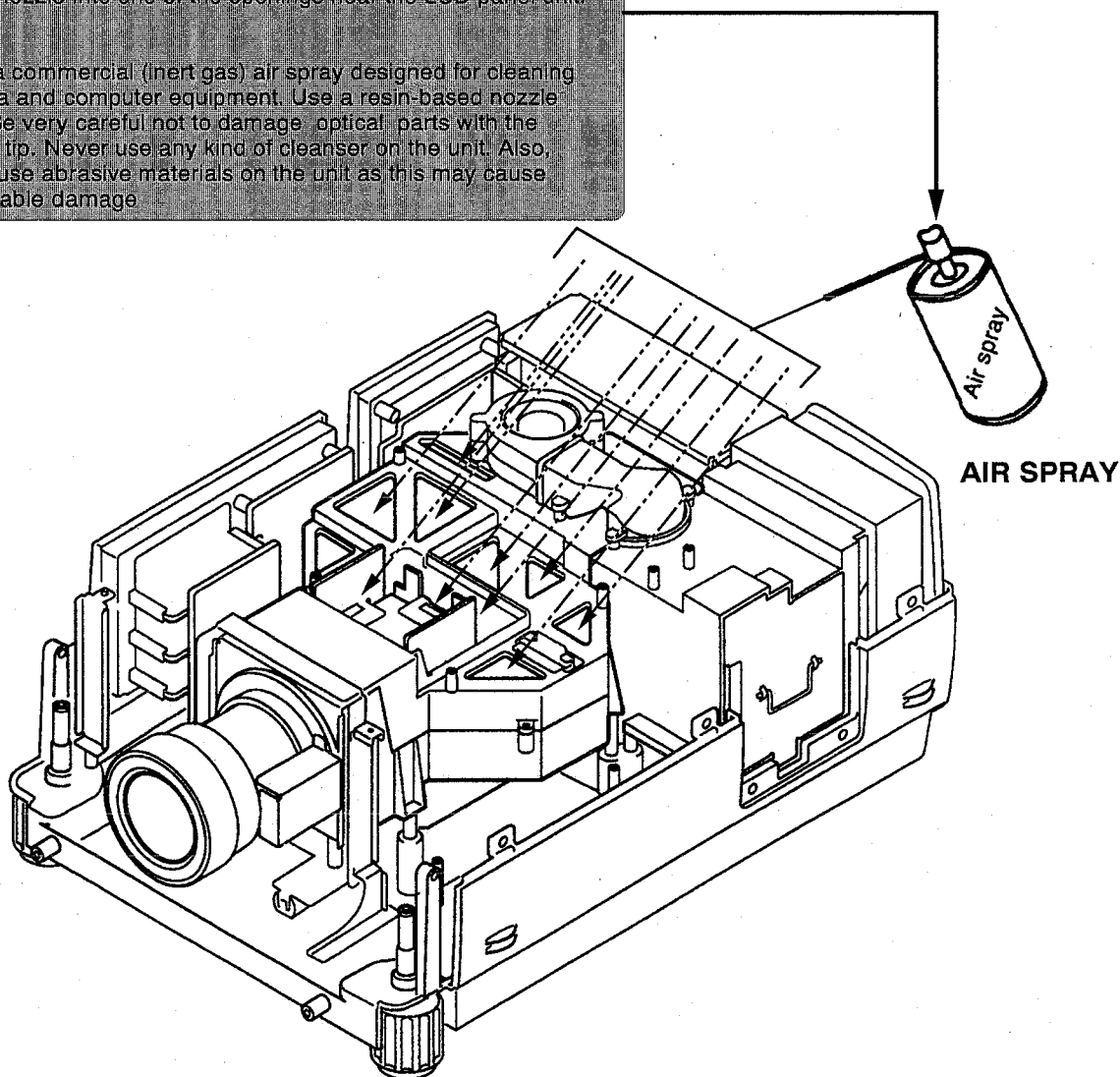
- After long periods of use, dust and other particles will accumulate on the LCD panel, prism, mirror, polarizing plate, lens, etc., causing the picture to darken or color to blur. If this occurs, clean the inside of the unit.
- Remove dust and other particles using air spray. If dirt cannot be removed by air spray, disassemble and clean the optical unit.

1. AIR SPRAY CLEANING METHOD

- 1-1. Remove dust particles from the mirror and lens by inserting the air spray nozzle into the opening on the top of the optical unit.
- 1-2. Clean the LCD panel and polarizing plate by inserting the air spray nozzle into one of the openings near the LCD panel unit.

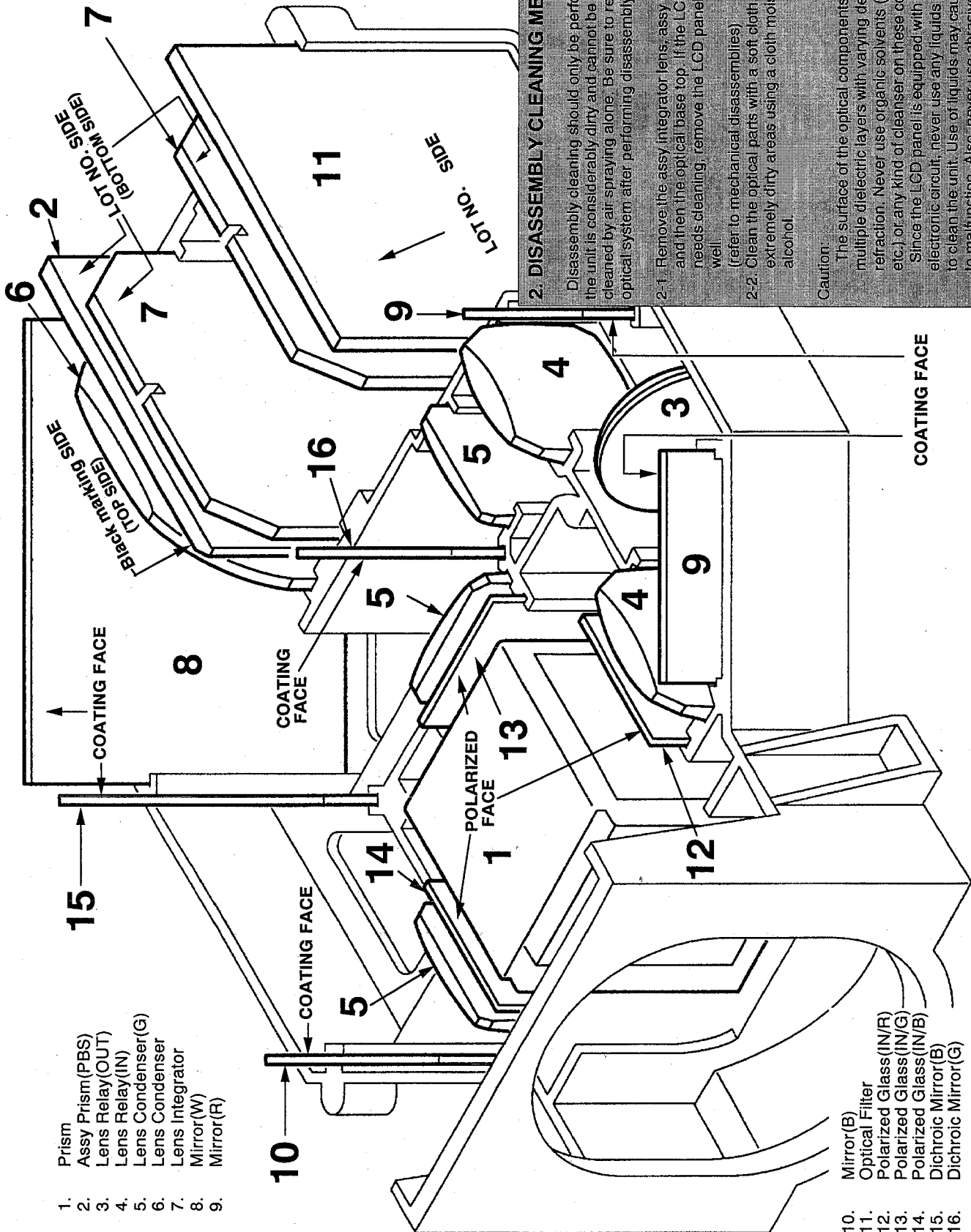
Caution:

Use a commercial (inert gas) air spray designed for cleaning camera and computer equipment. Use a resin-based nozzle only. Be very careful not to damage optical parts with the nozzle tip. Never use any kind of cleanser on the unit. Also, never use abrasive materials on the unit as this may cause irreparable damage.



(MAINTENANCE)

2. DISASSEMBLY CLEANING METHOD



2. DISASSEMBLY CLEANING METHOD

Disassembly cleaning should only be performed when the unit is considerably dirty and cannot be sufficiently cleaned by air spraying alone. Be sure to readjust the optical system after performing disassembly cleaning.

2-1 Remove the assy integrator lens, assy relay lens and then the optical base top. If the LCD panel needs cleaning, remove the LCD panel unit as well.

2-2 Clean the optical parts with a soft cloth. Clean extremely dirty areas using a cloth moistened with alcohol.

Caution

The surface of the optical components consists of multiple dielectric layers with varying degrees of refraction. Never use organic solvents (thinners, etc.) or any kind of cleanser on these components.

Since the LCD panel is equipped with an electronic circuit, never use any liquids (water, etc.) to clean the unit. Use of liquids may cause the unit to malfunction. Also, never use abrasive materials on the unit as this may cause irreparable damage.

【 MAINTENANCE 】

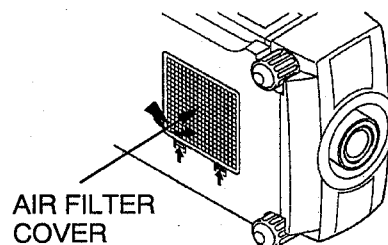
AIR FILTER CARE AND CLEANING

To clean the air filter, follow the cleaning procedures below:

1. Turn the LAMP POWER ON/OFF button OFF.
2. Remove the air filter cover.
3. Remove the air filter and sponge from the filter cover.
4. Clean the air filter with a vacuum cleaner.
5. Replace the air filter and sponge. Make sure that air filter cover is fully inserted.



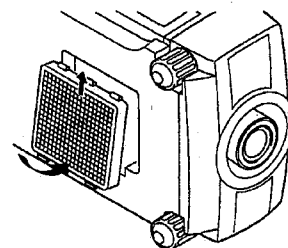
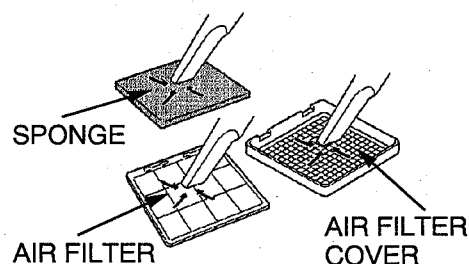
Do not clean with water. It may damage the air filter.
Do not operate the projector without air filter.



RECOMMENDATION

TO ENJOY PICTURE IMAGE, USE THE PROJECTOR IN THE CLEAN ENVIRONMENT. USAGE IN THE CLEAN ENVIRONMENT IS RECOMMENDED.

When using under the dusty or smoky conditions, dust may accumulate on the liquid crystal panel and lens inside it, and the picture projected may be stained or blurred with dust.



CLEANING THE PROJECTION LENS

Follow these steps to clean the projection lens:

1. Apply a non-abrasive camera lens cleaner to a soft, dry cleaning cloth.
Avoid using an excessive amount of cleaner.
Abrasive cleaners, solvents or other harsh chemicals might scratch the lens.
2. Lightly wipe the cleaning cloth over the lens.
3. If you don't intend to use the projector immediately, replace the lens cover.

[Notes on Schematic Diagram]

PRODUCT SAFETY NOTICE

THE COMPONENTS DESIGNATED BY A MARK (\triangle) IN THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A MARK NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

SERVICE NOTES;

1. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8") from circuit board.
2. Keep wires away from high voltage and high temperature components.

SCHEMATIC DIAGRAM

Specification of capacitor and resistors will be shown with coded symbols, reading code symbols following the chart and notes. Some capacitor and resistors will be shown directly with values and no other information. Detailed information on each capacitor and resistor will be shown in the list.

NOTE;

DO NOT REPLACE OR ORDER RESISTOR AND CAPACITOR PARTS FOLLOWING THE SPECIFICATIONS SHOWN IN THE SCHEMATIC DIAGRAMS.

ALWAYS CHECK FOR THE CORRECT SPECIFICATIONS IN THE PARTS LIST. ESPECIALLY FOR CRITICAL COMPONENT MARKED \triangle . SPECIAL ATTENTION MUST BE GIVEN TO CRITICAL COMPONENTS.

Read resistor codes as follows:

1. All resistance values are indicated in ohms: K=1,000. M=1,000,000.
2. Read wattage, material and tolerance codes following the chart.

Read capacitor codes as follows:

1. For capacitors identified with \dashv , values less than 1 are expressed in μF , values more than 1 are in pF.
2. For capacitors (electrolytic) identified with \dashv , values are expressed in μF .

Voltage and waveforms were taken using a video color bar signal (1V p-p).

Voltages were taken with a high-impedance voltmeter.

[Notes on Schematic Diagram]

Capacitor and Resistors Code Chart

Read description in the Capacitor and Resistor as follows:

(Revised May / 1998)

CAPACITOR

16 K K 0.47 BA

Characteristic
Rated value

| Tolerance Symbols | | | | | |
|--|-------------------|-------------------|-------------------|------------------|------------------|
| Static capacitance of 10PF or less | | | | | |
| A: Non-designated | B: $\pm 0.1PF$ | C: $\pm 0.25PF$ | D: $\pm 0.5PF$ | F: $\pm 1PF$ | G: $\pm 2PF$ |
| H: $\pm 0.1-0PF$ | L: $\pm 0-0.1PF$ | R: $\pm 0.25-0PF$ | S: $\pm 0-0.25PF$ | E: $\pm 0-1PF$ | |
| J: $\pm 5\%$ | K: $\pm 10\%$ | M: $\pm 20\%$ | | | |
| Note: J, K, and M are used only for tubular Ceramic Capacitors | | | | | |
| Static capacitance of more than 10PF | | | | | |
| A: Non-designated | B: $\pm 0.1\%$ | C: $\pm 0.25\%$ | D: $\pm 0.5\%$ | F: $\pm 1\%$ | G: $\pm 2\%$ |
| E: $\pm 2.5\%$ | H: $\pm 3\%$ | J: $\pm 5\%$ | K: $\pm 10\%$ | L: $\pm 15\%$ | M: $\pm 20\%$ |
| N: $\pm 30\%$ | P: $\pm 100-0\%$ | Q: $\pm 30-10\%$ | R: $\pm 20-0\%$ | T: $\pm 50-10\%$ | U: $\pm 75-10\%$ |
| V: $\pm 20-10\%$ | W: $\pm 100-10\%$ | X: $\pm 40-20\%$ | Y: $\pm 150-10\%$ | Z: $\pm 80-20\%$ | |

| Material : | | |
|------------|-----------------|--|
| C | CERAMIC | Temperature compensating ceramic |
| K | CERAMIC | High dielectric rate ceramic |
| B | CERAMIC | Semiconductor ceramic |
| Z | MT - PAPER | Metallized paper |
| F | POLYESTER | Polyester |
| G | MT - POLYEST | Metallized polyester |
| N | POLYPRO | Polypropylene |
| M | MT - POLYPRO | Metallized polypropylene |
| Y | COMPO FILM | Composite film |
| H | MT - COMPO | Metallized composite film |
| S | STYRENE | Styrol |
| T | TA - SOLID | Tantalum oxide solid electrolytic |
| A | AL - SOLID | Aluminium solid electrolytic |
| E | ELECT | Aluminum foil electrolytic |
| P | NP - ELECT | Non - polarized electrolytic |
| U | OS - SOLID | Aluminium solid capacitors with organic semiconductive electrolyte |
| V | POS - SOLID | Polymerized organic semiconductor |
| D | DL - ELECT | Electric double layer electrolytic |
| J | AL - SOLID | Aluminium manganese wind solid |
| L | PPS - FILM | Polyphenylene sulfide film |
| Q | MT - PPS - FILM | Metallized Polyphenylene sulfide film |
| R | MT - PEN - FILM | Metallized polyethylenenaphthalate film |
| X | CAPACITOR | Other |

Rated Voltage

FIXED RESISTER

1/10 G J 100K

Rated value, ohms : K: X1,000 ohms. M: X1,000,000 ohms

| Tolerance Symbols: | | | | | |
|--------------------|----------------|-----------------|-----------------|-------------------|--------------|
| A: $\pm 0.05\%$ | B: $\pm 0.1\%$ | C: $\pm 0.25\%$ | D: $\pm 0.5\%$ | F: $\pm 1\%$ | G: $\pm 2\%$ |
| J: $\pm 5\%$ | K: $\pm 10\%$ | M: $\pm 20\%$ | P: $\pm 5-15\%$ | Z: Use when 0 ohm | |

| Material : | | |
|------------|-------------|---------------------------------|
| D | CARBON | Carbon film fixed |
| N | MT - FILM | Metal film fixed |
| S | OXIDE - MT | Oxide metal film fixed |
| C | SOLID | Solid |
| G | MT - GLAZE | Metal glaze type fixed |
| W | WIRE WOUND | power type covered wiring fixed |
| H | CERAMIC RES | Ceramic fixed |
| F | FUSIBLE RES | Fusible |
| X | RESISTER | Used for "others" |

Rated Wattage

【 Parts List 】

【 Electrical Parts List 】

Product safety should be considered when a component replacement is made in any area of a Projector. Components indicated by a Δ mark in this parts list and the schematic diagram show components whose value have special significance to product safety. It is particularly recommended that only parts specified on the following parts list be used for components replacement pointed out by the mark.

Note: Part order must contain Service Ref. No., Part No., and descriptions.

Read description in the Capacitor and Resister as follows:

(Revised May / 1998)

CAPACITOR

CERAMIC 100P K 50V

Rated Voltage

Tolerance Symbols

Static capacitance of 10PF or less

| | | | | | |
|---------------------|---------------------|----------------------|----------------------|-------------------|---------------|
| A: Non-designated | B: ± 0.1 PF | C: ± 0.25 PF | D: ± 0.5 PF | F: ± 1 PF | G: ± 2 PF |
| H: $\pm 0.1 - 0$ PF | L: $\pm 0 - 0.1$ PF | R: $\pm 0.25 - 0$ PF | S: $\pm 0 - 0.25$ PF | E: $\pm 0 - 1$ PF | |
| J: $\pm 5\%$ | K: $\pm 10\%$ | M: $\pm 20\%$ | | | |

Note: J, K, and M are used only for tubular Ceramic Capacitors

Static capacitance of more than 10PF

| | | | | | |
|--------------------|---------------------|--------------------|---------------------|--------------------|--------------------|
| A: Non-designated | B: $\pm 0.1\%$ | C: $\pm 0.25\%$ | D: $\pm 0.5\%$ | F: $\pm 1\%$ | G: $\pm 2\%$ |
| E: $\pm 2.5\%$ | H: $\pm 3\%$ | J: $\pm 5\%$ | K: $\pm 10\%$ | L: $\pm 15\%$ | M: $\pm 20\%$ |
| N: $\pm 30\%$ | P: $\pm 100 - 0\%$ | Q: $\pm 30 - 10\%$ | R: $\pm 20 - 0\%$ | T: $\pm 50 - 10\%$ | U: $\pm 75 - 10\%$ |
| V: $\pm 20 - 10\%$ | W: $\pm 100 - 10\%$ | X: $\pm 40 - 20\%$ | Y: $\pm 150 - 10\%$ | Z: $\pm 80 - 20\%$ | |

Rated value: P=Pico farad, U=Micro farad

| Material : | | | |
|---------------|--|------------------------------|-----------------------|
| CERAMIC | Temperature compensating ceramic | High dielectric rate ceramic | Semiconductor ceramic |
| MT- PAPER | Metallized paper | | |
| POLYESTER | Polyester | | |
| MT- POLYEST | Metallized polyester | | |
| POLYPRO | Polypropylene | | |
| MT- POLYPRO | Metallized polypropylene | | |
| COMPO FILM | Composite film | | |
| MT- COMPO | Metallized composite film | | |
| STYRENE | Styrol | | |
| TA- SOLID | Tantalum oxide solid electrolytic | | |
| AL- SOLID | Aluminium solid electrolytic | | |
| ELECT | Aluminum foil electrolytic | | |
| NP- ELECT | Non- polarized electrolytic | | |
| OS- SOLID | Aluminium solid capacitors with organic semiconductive electrolyte | | |
| POS- SOLID | Polymerized organic semiconductor | | |
| DL- ELECT | Electric double layer electrolytic | | |
| AL- SOLID | Aluminium manganese wind solid | | |
| PPS- FILM | Polyphenylene sulfide film | | |
| MT- PPS- FILM | Metallized Polyphenylene sulfide film | | |
| MT- PEN- FILM | Metallized polyethylenenaphthalate film | | |
| CAPACITOR | Other | | |

FIXED RESISTER

CARBON 4.7K J A 1/4W

Rated Wattage

NOTE : What are called "cement resistors" are noncombustible, so are indicated as "General" (symbol A), not "Flame retardant (including noncombustible)" (symbol B).

Performance Symbols:

A: General B: Flame retardant (including noncombustible)

Z: Low noise (Less than 100Kohms : $0.3 \mu V/V$, 100Kohms to 1Mohm : $0.5 \mu V/V$, More than 1Mohm : $1.0 \mu V/V$)

C~Y: Temperature characteristics

| | | | | | |
|---------------------------------|---------------------------------|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| T: ± 10 ppm/°C | U: ± 25 ppm/°C | C: ± 50 ppm/°C | D: ± 100 ppm/°C | E: ± 200 ppm/°C | F: ± 250 ppm/°C |
| G: ± 350 ppm/°C | H: ± 1000 ppm/°C $\pm 10\%$ | | W: ± 1200 ppm/°C $\pm 10\%$ | | Y: ± 1400 ppm/°C $\pm 10\%$ |
| J: ± 2000 ppm/°C $\pm 10\%$ | | K: ± 2400 ppm/°C $\pm 10\%$ | | L: ± 2700 ppm/°C $\pm 10\%$ | |
| M: ± 3000 ppm/°C $\pm 10\%$ | | N: ± 3300 ppm/°C $\pm 10\%$ | | P: ± 3600 ppm/°C $\pm 10\%$ | |
| Q: ± 3900 ppm/°C $\pm 10\%$ | | R: ± 4200 ppm/°C $\pm 10\%$ | | S: ± 4300 ppm/°C $\pm 10\%$ | |
| V: ± 4500 ppm/°C $\pm 10\%$ | | X: ± 800 ppm/°C ± 150 ppm/°C | | | |

Tolerance Symbols:

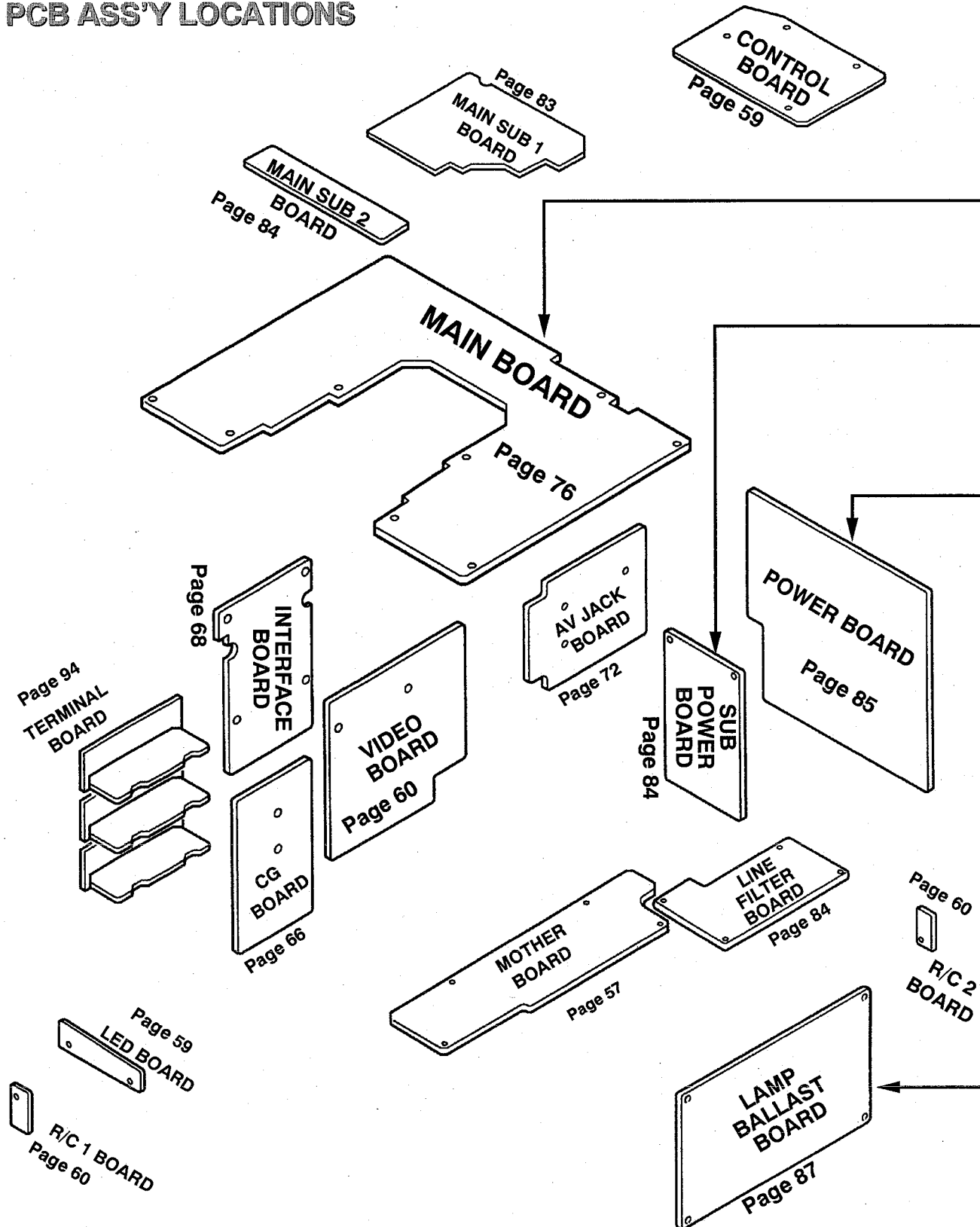
| | | | | | |
|-----------------|----------------|-----------------|-------------------|-------------------|--------------|
| A: $\pm 0.05\%$ | B: $\pm 0.1\%$ | C: $\pm 0.25\%$ | D: $\pm 0.5\%$ | F: $\pm 1\%$ | G: $\pm 2\%$ |
| J: $\pm 5\%$ | K: $\pm 10\%$ | M: $\pm 20\%$ | P: $\pm 5 - 15\%$ | Z: Use when 0 ohm | |

Rated value, ohms : K: X1,000 ohms. M: X1,000,000 ohms

| Material : | |
|-------------|---------------------------------|
| CARBON | Carbon film fixed |
| MT- FILM | Metal film fixed |
| OXIDE- MT | Oxide metal film fixed |
| SOLID | Solid |
| MT- GLAZE | Metal glaze type fixed |
| WIRE WOUND | power type covered wiring fixed |
| CERAMIC RES | Ceramic fixed |
| FUSIBLE RES | Fusible |
| RESISTER | Used for "others" |

ELECTRICAL PARTS LIST

PCB ASS'Y LOCATIONS



ELECTRICAL PARTS LIST

CAUTION TO REPLACE ASSY BOARD

CAUTION TO REPLACE ASSY SUB POWER

AFTER REPLACING THE PARTS IN THE +12V DC CIRCUIT,
READJUST THE +12V DC VOLTAGE.
(REFER TO ELECTRICAL ADJUSTMENTS)

CAUTION TO REPLACE ASSY POWER

- ★ AFTER REPLACING THE PARTS IN THE P.F.C. CIRCUIT,
READJUST THE P.F.C. OUTPUT VOLTAGE.
- ★ AFTER REPLACING THE PARTS IN THE +6V DC CIRCUIT,
READJUST THE +6V DC VOLTAGE.
- ★ AFTER REPLACING THE PARTS IN THE +15V DC CIRCUIT,
READJUST THE +15V DC VOLTAGE.
(REFER TO ELECTRICAL ADJUSTMENTS)

CAUTION TO REPLACE ASSY LAMP BALLAST

IF THERE IS A PROBLEM IN THE ASSY LAMP BALLAST, ONLY
USE DESIGNATED REPLACEMENT PARTS FOR BEST PERFORMANCE
AND SAFETY.

CAUTION TO REPLACE ASSY MAIN & IC806.

△ CAUTION: Do not replace IC806 unreasonably!!

IC806 (EPROM) memorizes the data adjusted at Service Mode, and should not be replaced except for the case of defective product.

Lamp Illumination Time, Data No. 37 of Service Mode, is memorized in IC806 to indicate the span of Lamp Life. When IC806 is replaced, Lamp Illumination Time is reset at the same time.

(Lamp Illumination Time can not be set to the previous value.)

● Caution to replace IC806.

When IC is replaced with new one, CPU write in initial data in IC806. Initial data is not the same data as Factory Initial Data, and the further adjustments and input as follows are required.

Data No. 00, 02 ~ 0D, 10, 19 of Service Mode should be adjusted (refer to service adjustments and Electrical adjustments).

Data except the data above is required to input the value on Data chart of Service Mode (refer to service adjustments).

Lamp Illumination Time is reset to the initial value.

● Caution to replace Main Assy (In the case IC806 is not damaged)

When Main Assy is replaced, IC806 on new Main Assy should be replaced with the one on previous Main Assy. After replacement, adjust and check the data in IC as follow.

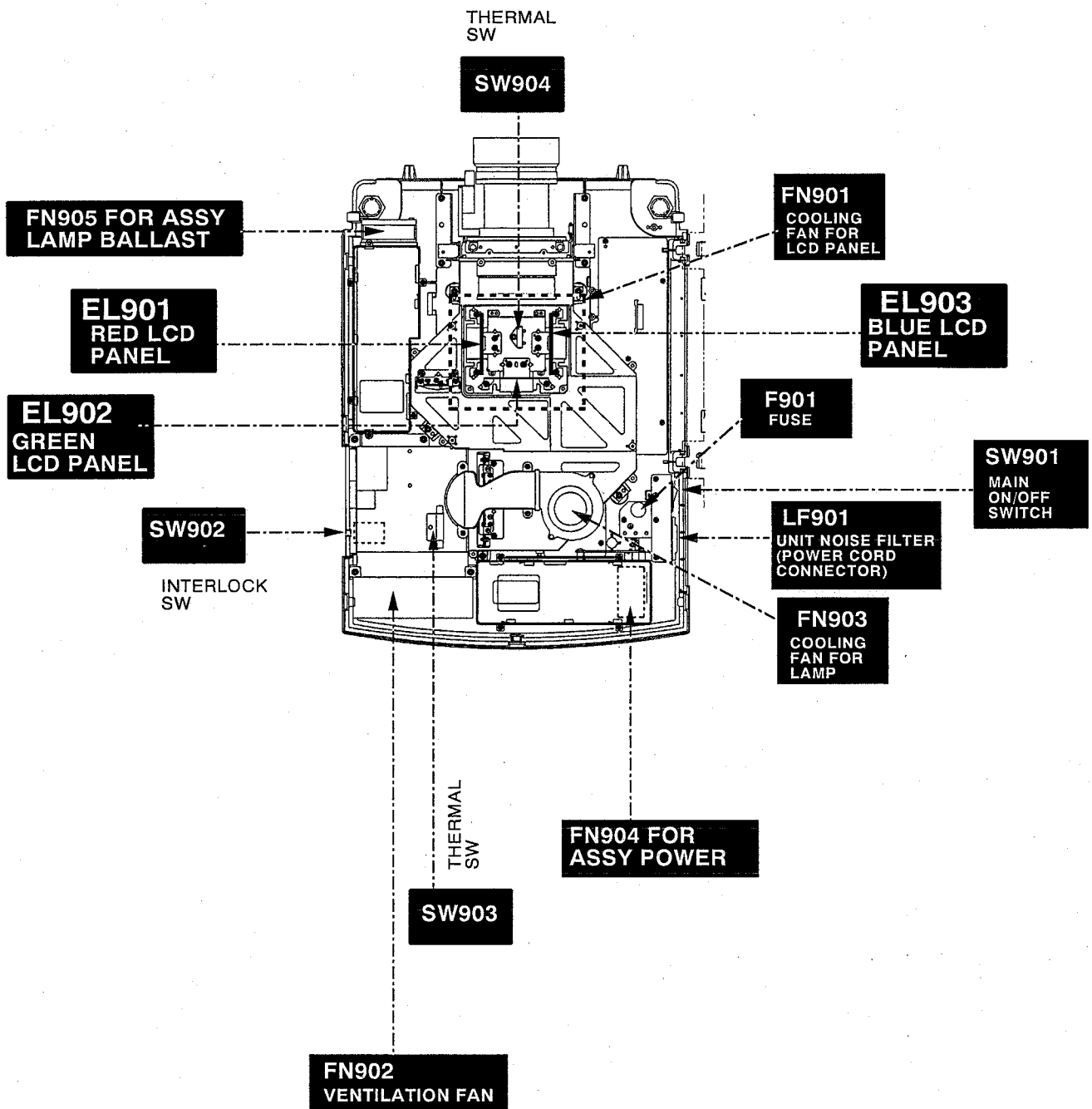
Readjust the adjust NO. 5~20 of electrical adjustments (refer to Electrical adjustments and service adjustments).

Check the service mode data NO. 01, 0D~0F, 13~18, 1B~36, 38~5C, with the value on Data chart of Service Mode (refer to service adjustments).

Lamp Illumination Time keep the value as before.

ELECTRICAL PARTS LIST

OUT OF CIRCUIT BOARD



【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------------------|--------------|--------------------------|----------|--------------|-------------------------|
| OUT OF CIRCUIT BOARD | | | | | |
| COIL | | | C011 | 403 155 9902 | NP-ELECT 2.2U M 50V |
| △LF901 | 645 030 4200 | UNIT, NOISE FILTER | C012 | 403 155 9902 | NP-ELECT 2.2U M 50V |
| LF901A | 610 012 5926 | TERMINAL | C013 | 403 193 7809 | ELECT 100U M 16V |
| MISCELLANEOUS | | | C014 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| △LP901 | 610 270 6796 | COMPL, OPTICAL LAMP-MGMA | C016 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| EL901 | 645 027 6491 | LCD(LCX017ALQ-7 R) | C017 | 403 163 8409 | ELECT 47U M 16V |
| EL902 | 645 027 6507 | LCD(LCX017ALR-7 G) | C018 | 403 193 7809 | ELECT 100U M 16V |
| EL903 | 645 027 6514 | LCD(LCX017ALP-6 B) | C019 | 403 192 5905 | CERAMIC 0.1U K 25V |
| FN901 | 645 026 9219 | MOTOR, FAN DC 3.5W | C021 | 403 192 5905 | CERAMIC 0.1U K 25V |
| FN902 | 645 026 9226 | MOTOR, FAN DC 7W | C022 | 403 199 9708 | ELECT 470U M 25V |
| FN903 | 645 026 9233 | MOTOR, FAN DC 2.5W | C023 | 403 046 5907 | ELECT 330U M 25V |
| FN904 | 645 029 2545 | MOTOR, FAN DC 1.44W | C024 | 403 046 5907 | ELECT 330U M 25V |
| | 645 030 8345 | MOTOR, FAN DC 1.92W | C026 | 403 199 9708 | ELECT 470U M 25V |
| FN905 | 645 029 2552 | MOTOR, FAN DC 1.44W | C1601 | 403 194 4609 | ELECT 470U M 16V |
| △F901 | 423 025 1201 | FUSE 250V 8A | C1602 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| △F901A | 645 023 3777 | HOLDER, FUSE | C1603 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| SP901 | 645 005 6536 | SPEAKER, 8 | C1611 | 403 194 4609 | ELECT 470U M 16V |
| SP902 | 645 005 6536 | SPEAKER, 8 | C1612 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| △SW901 | 645 028 5516 | SWITCH, POWER 2P-2TX2 | C1613 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| SW902 | 645 028 6001 | SWITCH, PUSH 2P-2TX1 | C1621 | 403 194 4609 | ELECT 470U M 16V |
| △SW903 | 645 030 0745 | SWITCH, REED | C1622 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| △SW904 | 645 029 6413 | SWITCH, REED | C1623 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| △W901 | 610 270 6888 | CABLE, LANP | C1631 | 403 194 4609 | ELECT 470U M 16V |
| W902 | 610 273 1774 | CORD, ID-CONNECTOR MGMA | C1632 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| W903 | 610 273 1781 | CORD, ID-CONNECTOR MGMA | C1633 | 403 194 4609 | ELECT 470U M 16V |
| | | | C1634 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5601 | 403 148 0404 | ELECT 1000U M 25V |
| | | | | 403 301 7103 | ELECT 1000U M 25V |
| | | | C5602 | 403 148 0404 | ELECT 1000U M 25V |
| | | | | 403 301 7103 | ELECT 1000U M 25V |
| | | | C5603 | 403 199 9708 | ELECT 470U M 25V |
| | | | C5604 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5606 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5607 | 403 148 0404 | ELECT 1000U M 25V |
| | | | | 403 301 7103 | ELECT 1000U M 25V |
| | | | C5608 | 403 148 0404 | ELECT 1000U M 25V |
| | | | | 403 301 7103 | ELECT 1000U M 25V |
| | | | C5609 | 403 147 9606 | ELECT 1000U M 10V |
| | | | | 403 301 2306 | ELECT 1000U M 10V |
| | | | C5611 | 403 119 7609 | ELECT 2200U M 10V |
| | | | | 403 313 5906 | ELECT 2200U M 10V |
| | | | C5612 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5613 | 403 119 7609 | ELECT 2200U M 10V |
| | | | | 403 313 5906 | ELECT 2200U M 10V |
| | | | C5614 | 403 119 7609 | ELECT 2200U M 10V |
| | | | | 403 313 5906 | ELECT 2200U M 10V |
| | | | C5616 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5617 | 403 119 7609 | ELECT 2200U M 10V |
| | | | | 403 313 5906 | ELECT 2200U M 10V |
| | | | C5618 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5619 | 403 193 7809 | ELECT 100U M 16V |
| | | | C5621 | 403 193 7809 | ELECT 100U M 16V |
| | | | C5624 | 403 194 4609 | ELECT 470U M 16V |
| | | | C5626 | 403 119 7609 | ELECT 2200U M 10V |
| | | | | 403 313 5906 | ELECT 2200U M 10V |
| | | | C5801 | 403 316 5408 | CERAMIC 1U K 10V |
| TRANSISTOR | | | RESISTOR | | |
| Q001 | 405 014 4509 | TR 2SC2412K T146 R | R001 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| Q002 | 405 014 4509 | TR 2SC2412K T146 R | R002 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| Q003 | 405 014 4509 | TR 2SC2412K T146 R | R003 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| Q004 | 405 014 4509 | TR 2SC2412K T146 R | R004 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| Q006 | 405 014 4509 | TR 2SC2412K T146 R | R006 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| Q5601 | 405 052 8002 | TR 2SB1274-R | R007 | 401 038 3603 | MT-GLAZE 3.3K JA 1/10W |
| | 405 052 8101 | TR 2SB1274-S | R008 | 401 038 3603 | MT-GLAZE 3.3K JA 1/10W |
| Q5602 | 405 014 4509 | TR 2SC2412K T146 R | R009 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| Q5603 | 405 052 8002 | TR 2SB1274-R | R011 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| | 405 052 8101 | TR 2SB1274-S | R012 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| Q5604 | 405 014 4509 | TR 2SC2412K T146 R | R013 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| Q5606 | 405 144 6503 | TR 2SK2312 | R014 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| Q5607 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| Q5801 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| Q5802 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| Q5803 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| Q5804 | 405 002 0308 | TR 2SA1037K T146 R | | | |
| Q5806 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| INTEGRATED CIRCUIT | | | | | |
| IC001 | 409 017 7208 | IC LA4261 | | | |
| IC002 | 409 211 7301 | IC MC14053BFL | | | |
| | 409 051 2900 | IC TC4053BF-TP1 | | | |
| IC1601 | 409 114 4803 | IC LB1641 | | | |
| IC1611 | 409 114 4803 | IC LB1641 | | | |
| IC1621 | 409 114 4803 | IC LB1641 | | | |
| IC5601 | 409 367 2809 | IC BA178M09T | | | |
| IC5801 | 409 403 6204 | IC M66010GP | | | |
| CAPACITOR | | | | | |
| C001 | 403 155 9902 | NP-ELECT 2.2U M 50V | | | |
| C002 | 403 155 9902 | NP-ELECT 2.2U M 50V | | | |
| C003 | 403 155 9902 | NP-ELECT 2.2U M 50V | | | |
| C004 | 403 155 9902 | NP-ELECT 2.2U M 50V | | | |
| C006 | 403 189 2405 | ELECT 10U M 16V | | | |
| C007 | 403 314 5905 | CERAMIC 0.47U K 16V | | | |
| C009 | 403 189 2405 | ELECT 10U M 16V | | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|---------------------------|----------|--------------|--------------------------|
| R016 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R5814 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R017 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W | R5816 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R018 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R5817 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R019 | 401 037 9309 | MT-GLAZE 18K JA 1/10W | R5818 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R020 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5819 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R021 | 401 038 6406 | MT-GLAZE 4. 7K JA 1/10W | R5821 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R022 | 401 037 9309 | MT-GLAZE 18K JA 1/10W | R5822 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R023 | 401 038 6406 | MT-GLAZE 4. 7K JA 1/10W | R5823 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R024 | 401 038 2002 | MT-GLAZE 270 JA 1/10W | R5824 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R026 | 401 038 0602 | MT-GLAZE 220 JA 1/10W | R5826 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R027 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5827 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R028 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5828 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R029 | 401 038 2002 | MT-GLAZE 270 JA 1/10W | R5829 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R031 | 401 090 2002 | MT-GLAZE 3. 9 JA 1/10W | R5831 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R034 | 401 090 2002 | MT-GLAZE 3. 9 JA 1/10W | R5832 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R036 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5833 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R037 | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W | R5841 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R038 | 401 038 7601 | MT-GLAZE 560 JA 1/10W | R5842 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R039 | 401 038 7601 | MT-GLAZE 560 JA 1/10W | R5843TM | 401 025 8208 | CARBON 22K JA 1/6W |
| R041 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R5844 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W |
| R042 | 401 180 8402 | OXIDE-MT 0. 47 JA 2W | R5846 | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W |
| R044 | 401 180 8402 | OXIDE-MT 0. 47 JA 2W | | | |
| R1601 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | COIL | | |
| R1602 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | L001 | 645 007 8118 | INDUCTOR, 390U K |
| R1603 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L5601 | 645 007 8118 | INDUCTOR, 390U K |
| R1604 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | L5602 | 645 007 7968 | INDUCTOR, 10U M |
| R1611 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | L5603 | 645 007 7968 | INDUCTOR, 10U M |
| R1612 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | L5604 | 645 007 7968 | INDUCTOR, 10U M |
| R1613 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L5606 | 645 007 7968 | INDUCTOR, 10U M |
| R1614 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | L5607 | 645 007 7968 | INDUCTOR, 10U M |
| R1621 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | L5608 | 645 007 7968 | INDUCTOR, 10U M |
| R1622 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | L5609 | 645 007 7968 | INDUCTOR, 10U M |
| R1623 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | | |
| R1624 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | DIODE | | |
| R1626 | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W | D001 | 407 071 0807 | ZENER DIODE DZD15X-TA |
| R5601 | 401 238 4400 | MT-GLAZE 2. 7K JA 1/3W | | 407 071 0906 | ZENER DIODE DZD15Y-TA |
| R5602 | 401 238 4202 | MT-GLAZE 1. 5K JA 1/3W | | 407 175 3001 | ZD 02CZ15X(TE85R) |
| R5603 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 189 6005 | ZD 02CZ15Y(TE85R) |
| R5604 | 401 038 6406 | MT-GLAZE 4. 7K JA 1/10W | D002 | 407 071 0807 | ZENER DIODE DZD15X-TA |
| R5608 | 401 238 4400 | MT-GLAZE 2. 7K JA 1/3W | | 407 071 0906 | ZENER DIODE DZD15Y-TA |
| R5609 | 401 238 4202 | MT-GLAZE 1. 5K JA 1/3W | | 407 175 3001 | ZD 02CZ15X(TE85R) |
| R5611 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 189 6005 | ZD 02CZ15Y(TE85R) |
| R5612 | 401 038 6406 | MT-GLAZE 4. 7K JA 1/10W | D003 | 407 071 0807 | ZENER DIODE DZD15X-TA |
| R5613 | 401 067 4206 | OXIDE-MT 33 JA 2W | | 407 071 0906 | ZENER DIODE DZD15Y-TA |
| R5614 | 401 064 6302 | OXIDE-MT 10 JA 2W | | 407 175 3001 | ZD 02CZ15X(TE85R) |
| R5616 | 401 037 8005 | MT-GLAZE 15K JA 1/10W | | 407 189 6005 | ZD 02CZ15Y(TE85R) |
| R5617 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | D004 | 407 071 0807 | ZENER DIODE DZD15X-TA |
| R5621 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 071 0906 | ZENER DIODE DZD15Y-TA |
| R5623 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 175 3001 | ZD 02CZ15X(TE85R) |
| R5624 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | | 407 189 6005 | ZD 02CZ15Y(TE85R) |
| R5626 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | D006 | 407 071 6403 | ZENER DIODE DZD5. 1X-TA |
| R5627 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | | 407 071 6502 | ZENER DIODE DZD5. 1Y-TA |
| R5628 | 402 079 4208 | FUSIBLE RES 1. 5 JH 1/10W | | 407 071 6601 | ZENER DIODE DZD5. 1Z-TA |
| R5631 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | | 407 175 3308 | ZD 02CZ5. 1X(TE85R) |
| R5632 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | | 407 175 3407 | ZD 02CZ5. 1Y(TE85R) |
| R5633 | 401 259 1501 | MT-GLAZE 2. 2 JA 1/3W | | 407 175 3506 | ZD 02CZ5. 1Z(TE85R) |
| R5634 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | D007 | 407 004 8009 | DIODE DSB015-TB |
| R5636 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | D1601 | 407 071 6502 | ZENER DIODE DZD5. 1Y-TA |
| R5638 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | | 407 175 3407 | ZD 02CZ5. 1Y(TE85R) |
| R5639 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | D1602 | 407 004 8009 | DIODE DSB015-TB |
| R5802 | 401 038 7809 | MT-GLAZE 56K JA 1/10W | D1603TM | 407 012 4406 | DIODE 1SS133 |
| R5803 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | D1611 | 407 071 6502 | ZENER DIODE DZD5. 1Y-TA |
| R5804 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | | 407 175 3407 | ZD 02CZ5. 1Y(TE85R) |
| R5806 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | D1612 | 407 004 8009 | DIODE DSB015-TB |
| R5807 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | D1613TM | 407 012 4406 | DIODE 1SS133 |
| R5808 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | D1621 | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| R5809 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| R5811 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W | D1622 | 407 004 8009 | DIODE DSB015-TB |
| R5812 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | D1633TM | 407 012 4406 | DIODE 1SS133 |
| R5813 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W | D5601 | 407 004 0706 | DIODE DCB015-TB |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|---|--------------|------------------------|---|--------------|-------------------------|
| D5602 | 407 190 4106 | DIODE SFPL-52V | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| D5607 | 407 004 8009 | DIODE DSB015-TB | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| D5608 | 407 004 8009 | DIODE DSB015-TB | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| MISCELLANEOUS | | | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| IC001A | 610 272 8545 | ASSY, HEAT SINK C-MGMA | D6802 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| IC001B | 411 036 5301 | SCR PAN+SW+W 3X6 | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| IC001D | 411 004 4404 | NUT HEX 3 | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| | 411 054 7509 | NUT HEX 3 | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| IC5601A | 610 247 2677 | HEAT SINK-S7VA | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| IC5601B | 610 014 5818 | WASHER | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| IC5601C | 411 045 2209 | SCR PAN+SW 3X10 | D6803 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| IC5601D | 411 004 4404 | NUT HEX 3 | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| | 411 054 7509 | NUT HEX 3 | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| | 610 272 8606 | HEAT SINK D-MGMA | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| | 610 230 8341 | RADIATOR MTG BRKT-S6KH | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| K01A | 645 008 3679 | SOCKET, 15P | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| K01B | 645 008 3679 | SOCKET, 15P | D6804 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| K01C | 645 005 8615 | SOCKET, 12P | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| K01D | 645 005 8615 | SOCKET, 12P | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| K01E | 645 005 8592 | SOCKET, 10P | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| K01F | 645 005 8592 | SOCKET, 10P | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| K01G | 645 004 2898 | PLUG, 3P | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| K01H | 645 004 2898 | PLUG, 3P | MISCELLANEOUS | | |
| K16A | 645 004 2898 | PLUG, 3P | K68A | 645 020 7204 | PLUG, 5P |
| K16B | 645 004 2904 | PLUG, 4P | SW6801 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| K56A | 645 004 2959 | PLUG, 9P | SW6802 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| K56B | 645 004 2928 | PLUG, 6P | SW6803 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| K56D | 645 004 2898 | PLUG, 3P | SW6804 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| K56E | 645 004 2898 | PLUG, 3P | SW6806 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| K58A | 645 030 6358 | PLUG, 32P | SW6807 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| K58B | 645 030 6358 | PLUG, 32P | SW6808 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| 610 272 2369 ASSY, PWB, CONTROL M6MA 1AAOB10C1600B | | | SW6809 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| CAPACITOR | | | SW6811 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| C6801 | 403 070 2606 | CERAMIC 0.1U Z 50V | SW6812 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| C6802 | 403 070 2606 | CERAMIC 0.1U Z 50V | SW6813 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| C6803 | 403 070 2606 | CERAMIC 0.1U Z 50V | SW6814 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| RESISTOR | | | SW6816 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| R6801 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | SW6817 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| R6802 | 401 037 8005 | MT-GLAZE 15K JA 1/10W | SW6818 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| R6803 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | SW6819 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| R6804 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | SW6821 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| R6806 | 401 038 2101 | MT-GLAZE 2.7K JA 1/10W | SW6822 | 645 025 3478 | SWITCH, PUSH 1P-2TX1 |
| R6807 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W | 610 272 2376 ASSY, PWB, LED M6MA 1AAOB10C1600C | | |
| R6808 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | CAPACITOR | | |
| R6809 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | C6851 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| R6812 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | RESISTOR | | |
| R6813 | 401 037 8005 | MT-GLAZE 15K JA 1/10W | R6851 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R6814 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | R6852 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R6816 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | R6853 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R6817 | 401 038 2101 | MT-GLAZE 2.7K JA 1/10W | R6854 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R6818 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W | R6856 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R6819 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | DIODE | | |
| R6821 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | D6851 | 407 196 9907 | LED SEL4828A |
| R6823 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | D6851A | 610 273 2955 | HOLDER LED-MGMA |
| R6824 | 401 037 8005 | MT-GLAZE 15K JA 1/10W | D6852 | 407 196 9709 | LED SEL4228C |
| R6826 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | D6853 | 407 196 9808 | LED SEL4428E |
| R6827 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | D6854 | 407 196 9709 | LED SEL4228C |
| R6828 | 401 038 2101 | MT-GLAZE 2.7K JA 1/10W | MISCELLANEOUS | | |
| R6829 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W | K68B | 645 006 0953 | PLUG, 8P |
| R6831 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | K68C | 645 005 8226 | PLUG, 3P |
| R6832 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | DIODE | | |
| D6801 | | | D6801 | | |
| 407 071 0005 ZENER DIODE DZD12X-TA | | | 407 071 0104 ZENER DIODE DZD12Y-TA | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|---------------|--------------|--|----------|--------------|--------------------|
| | 610 272 5506 | ASSY. PWB, R/C1 M6MA 1AA0B10C1600D | Q1102 | 405 014 4509 | TR 2SC2412K T146 R |
| CAPACITOR | | | | 405 014 4608 | TR 2SC2412K T146 S |
| C6871 | 403 316 5408 | CERAMIC 1U K 10V | | 405 015 8704 | TR 2SC2812-L6-TB |
| RESISTOR | | | Q111 | 405 015 8902 | TR 2SC2812-L7-TB |
| R6871 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 405 002 0308 | TR 2SA1037K T146 R |
| R6872 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 405 002 0407 | TR 2SA1037K T146 S |
| DIODE | | | | 405 002 6706 | TR 2SA1179-M6-TB |
| D6871 | 407 071 0005 | ZENER DIODE DZD12X-TA | Q1151 | 405 002 6904 | TR 2SA1179-M7-TB |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | | 405 014 4608 | TR 2SC2412K T146 S |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | | 405 015 8704 | TR 2SC2812-L6-TB |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | Q1152 | 405 015 8902 | TR 2SC2812-L7-TB |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | | 405 014 4509 | TR 2SC2412K T146 R |
| MISCELLANEOUS | | | | 405 014 4608 | TR 2SC2412K T146 S |
| A6871 | 645 025 5854 | UNIT, REMOCON RECEIVER | Q1178 | 405 015 8704 | TR 2SC2812-L6-TB |
| K68D | 645 005 8226 | PLUG, 3P | | 405 015 8902 | TR 2SC2812-L7-TB |
| | 610 272 5513 | ASSY. PWB, R/C2 M6MA 1AA0B10C1600E | Q1190 | 405 014 4509 | TR 2SC2412K T146 R |
| CAPACITOR | | | | 405 014 4608 | TR 2SC2412K T146 S |
| C6881 | 403 316 5408 | CERAMIC 1U K 10V | | 405 015 8704 | TR 2SC2812-L6-TB |
| RESISTOR | | | Q1191 | 405 015 8902 | TR 2SC2812-L7-TB |
| R6881 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 405 014 4509 | TR 2SC2412K T146 R |
| R6882 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 405 014 4608 | TR 2SC2412K T146 S |
| DIODE | | | | 405 015 8704 | TR 2SC2812-L6-TB |
| D6881 | 407 071 0005 | ZENER DIODE DZD12X-TA | Q1193 | 405 015 8902 | TR 2SC2812-L7-TB |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | | 405 014 4608 | TR 2SC2412K T146 S |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | | 405 015 8704 | TR 2SC2812-L6-TB |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | Q1195 | 405 015 8902 | TR 2SC2812-L7-TB |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | | 405 014 4509 | TR 2SC2412K T146 R |
| MISCELLANEOUS | | | | 405 014 4608 | TR 2SC2412K T146 S |
| A6881 | 645 025 5854 | UNIT, REMOCON RECEIVER | Q1197 | 405 015 8704 | TR 2SC2812-L6-TB |
| K68E | 645 005 8226 | PLUG, 3P | | 405 015 8902 | TR 2SC2812-L7-TB |
| | 610 272 1300 | ASSY. PWB, VIDEO-M6MA 1AA0B10C1610A | Q1198 | 405 014 4509 | TR 2SC2412K T146 R |
| TRANSISTOR | | | | 405 014 4608 | TR 2SC2412K T146 S |
| Q101 | 405 002 0308 | TR 2SA1037K T146 R | | 405 015 8704 | TR 2SC2812-L6-TB |
| | 405 002 0407 | TR 2SA1037K T146 S | Q1199 | 405 015 8902 | TR 2SC2812-L7-TB |
| | 405 002 6706 | TR 2SA1179-M6-TB | | 405 014 4509 | TR 2SC2412K T146 R |
| | 405 002 6904 | TR 2SA1179-M7-TB | | 405 014 4608 | TR 2SC2412K T146 S |
| Q102 | 405 002 0308 | TR 2SA1037K T146 R | | 405 015 8704 | TR 2SC2812-L6-TB |
| | 405 002 0407 | TR 2SA1037K T146 S | Q148 | 405 015 8902 | TR 2SC2812-L7-TB |
| | 405 002 6706 | TR 2SA1179-M6-TB | | 405 014 4509 | TR 2SC2412K T146 R |
| | 405 002 6904 | TR 2SA1179-M7-TB | | 405 014 4608 | TR 2SC2412K T146 S |
| Q106 | 405 035 1105 | TR FMW1-T98 | | 405 015 8704 | TR 2SC2812-L6-TB |
| Q107 | 405 035 1105 | TR FMW1-T98 | Q149 | 405 015 8902 | TR 2SC2812-L7-TB |
| Q1071 | 405 002 0308 | TR 2SA1037K T146 R | | 405 002 0308 | TR 2SA1037K T146 R |
| | 405 002 0407 | TR 2SA1037K T146 S | | 405 002 0407 | TR 2SA1037K T146 S |
| | 405 002 6706 | TR 2SA1179-M6-TB | | 405 002 6706 | TR 2SA1179-M6-TB |
| | 405 002 6904 | TR 2SA1179-M7-TB | | 405 002 6904 | TR 2SA1179-M7-TB |
| Q1075 | 405 014 4509 | TR 2SC2412K T146 R | Q151 | 405 014 4509 | TR 2SC2412K T146 R |
| | 405 014 4608 | TR 2SC2412K T146 S | | 405 014 4608 | TR 2SC2412K T146 S |
| | 405 015 8704 | TR 2SC2812-L6-TB | | 405 015 8704 | TR 2SC2812-L6-TB |
| | 405 015 8902 | TR 2SC2812-L7-TB | Q152 | 405 015 8902 | TR 2SC2812-L7-TB |
| Q108 | 405 035 1105 | TR FMW1-T98 | | 405 014 4509 | TR 2SC2412K T146 R |
| Q1101 | 405 014 4509 | TR 2SC2412K T146 R | | 405 014 4608 | TR 2SC2412K T146 S |
| | 405 014 4608 | TR 2SC2412K T146 S | Q153 | 405 015 8704 | TR 2SC2812-L6-TB |
| | 405 015 8704 | TR 2SC2812-L6-TB | | 405 015 8902 | TR 2SC2812-L7-TB |
| | 405 015 8902 | TR 2SC2812-L7-TB | Q154 | 405 014 4509 | TR 2SC2412K T146 R |
| | | | | 405 014 4608 | TR 2SC2412K T146 S |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description | | |
|----------|--------------|--------------------|----------|--------------|--------------------|--|--|
| Q155 | 405 015 8704 | TR 2SC2812-L6-TB | Q7141 | 405 015 8902 | TR 2SC2812-L7-TB | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | 405 014 4509 | TR 2SC2412K T146 R | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | 405 014 4608 | TR 2SC2412K T146 S | | |
| | 405 014 4608 | TR 2SC2412K T146 S | | 405 015 8704 | TR 2SC2812-L6-TB | | |
| Q156 | 405 015 8704 | TR 2SC2812-L6-TB | Q7142 | 405 015 8902 | TR 2SC2812-L7-TB | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | 405 002 0308 | TR 2SA1037K T146 R | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | 405 002 0407 | TR 2SA1037K T146 S | | |
| | 405 014 4608 | TR 2SC2412K T146 S | | 405 002 6706 | TR 2SA1179-M6-TB | | |
| Q161 | 405 015 8704 | TR 2SC2812-L6-TB | Q7143 | 405 002 6904 | TR 2SA1179-M7-TB | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | 405 014 4509 | TR 2SC2412K T146 R | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | 405 014 4608 | TR 2SC2412K T146 S | | |
| | 405 014 4608 | TR 2SC2412K T146 S | | 405 015 8704 | TR 2SC2812-L6-TB | | |
| Q4019 | 405 015 8704 | TR 2SC2812-L6-TB | Q7156 | 405 015 8902 | TR 2SC2812-L7-TB | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | 405 002 0308 | TR 2SA1037K T146 R | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | 405 002 0407 | TR 2SA1037K T146 S | | |
| | 405 014 4608 | TR 2SC2412K T146 S | | 405 002 6706 | TR 2SA1179-M6-TB | | |
| Q4041 | 405 015 8704 | TR 2SC2812-L6-TB | Q7171 | 405 002 6904 | TR 2SA1179-M7-TB | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | 405 014 4509 | TR 2SC2412K T146 R | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | 405 014 4608 | TR 2SC2412K T146 S | | |
| | 405 014 4608 | TR 2SC2412K T146 S | | 405 015 8704 | TR 2SC2812-L6-TB | | |
| Q4042TM | 405 015 8704 | TR 2SC2812-L6-TB | Q7181 | 405 015 8902 | TR 2SC2812-L7-TB | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | 405 002 0308 | TR 2SA1037K T146 R | | |
| | 405 011 8500 | TR 2SC1740S-R | | 405 002 0407 | TR 2SA1037K T146 S | | |
| | 405 002 0308 | TR 2SA1037K T146 R | | 405 002 6706 | TR 2SA1179-M6-TB | | |
| Q4061 | 405 002 0407 | TR 2SA1037K T146 S | Q7185 | 405 002 6904 | TR 2SA1179-M7-TB | | |
| | 405 002 6706 | TR 2SA1179-M6-TB | | 405 002 0308 | TR 2SA1037K T146 R | | |
| | 405 002 6904 | TR 2SA1179-M7-TB | | 405 002 0407 | TR 2SA1037K T146 S | | |
| | 405 002 0308 | TR 2SA1037K T146 R | | 405 002 6706 | TR 2SA1179-M6-TB | | |
| Q4081 | 405 002 0407 | TR 2SA1037K T146 S | Q7191 | 405 002 6904 | TR 2SA1179-M7-TB | | |
| | 405 002 6706 | TR 2SA1179-M6-TB | | 405 014 4509 | TR 2SC2412K T146 R | | |
| | 405 002 6904 | TR 2SA1179-M7-TB | | 405 014 4608 | TR 2SC2412K T146 S | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | 405 015 8704 | TR 2SC2812-L6-TB | | |
| Q4082 | 405 014 4608 | TR 2SC2412K T146 S | Q7195 | 405 015 8902 | TR 2SC2812-L7-TB | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | 405 014 4509 | TR 2SC2412K T146 R | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | 405 014 4608 | TR 2SC2412K T146 S | | |
| | 405 002 0308 | TR 2SA1037K T146 R | | 405 015 8704 | TR 2SC2812-L6-TB | | |
| Q4083 | 405 002 0407 | TR 2SA1037K T146 S | | 405 015 8902 | TR 2SC2812-L7-TB | | |
| | 405 002 6706 | TR 2SA1179-M6-TB | | | | | |
| | 405 002 6904 | TR 2SA1179-M7-TB | | | | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | | | | |
| Q4084 | 405 014 4608 | TR 2SC2412K T146 S | | | | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | | | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | | | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | | | | |
| Q4156 | 405 014 4608 | TR 2SC2412K T146 S | | | | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | | | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | | | | |
| | 405 002 0308 | TR 2SA1037K T146 R | | | | | |
| Q4172 | 405 002 0407 | TR 2SA1037K T146 S | | | | | |
| | 405 002 6706 | TR 2SA1179-M6-TB | | | | | |
| | 405 002 6904 | TR 2SA1179-M7-TB | | | | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | | | | |
| Q4185 | 405 014 4608 | TR 2SC2412K T146 S | | | | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | | | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | | | | |
| | 405 002 0308 | TR 2SA1037K T146 R | | | | | |
| Q5041 | 405 002 0407 | TR 2SA1037K T146 S | | | | | |
| | 405 002 6706 | TR 2SA1179-M6-TB | | | | | |
| | 405 002 6904 | TR 2SA1179-M7-TB | | | | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | | | | |
| Q5042 | 405 014 4608 | TR 2SC2412K T146 S | | | | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | | | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | | | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | | | | |
| Q5051 | 405 014 4608 | TR 2SC2412K T146 S | | | | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | | | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | | | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | | | | |
| Q5052 | 405 014 4608 | TR 2SC2412K T146 S | | | | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | | | | |
| | 405 015 8902 | TR 2SC2812-L7-TB | | | | | |
| | 405 014 4509 | TR 2SC2412K T146 R | | | | | |
| | 405 014 4608 | TR 2SC2412K T146 S | | | | | |
| | 405 015 8704 | TR 2SC2812-L6-TB | | | | | |
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【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|----------------------|----------|--------------|-------------------------|
| C103 | 403 192 5905 | CERAMIC 0.1U K 25V | C165 | 403 314 5905 | CERAMIC 0.47U K 16V |
| C104 | 403 192 5905 | CERAMIC 0.1U K 25V | C166 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C105 | 403 314 5905 | CERAMIC 0.47U K 16V | C167 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C106 | 403 192 5905 | CERAMIC 0.1U K 25V | C168 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C107 | 403 314 5905 | CERAMIC 0.47U K 16V | C169 | 403 175 4505 | ELECT 47U M 6.3V |
| C108 | 403 229 3508 | ELECT 100U M 16V | C171 | 403 162 4709 | ELECT 10U M 16V |
| C109 | 403 314 5905 | CERAMIC 0.47U K 16V | C172 | 403 314 5905 | CERAMIC 0.47U K 16V |
| C1101 | 403 266 8207 | NP-ELECT 10U M 16V | C173 | 403 162 4709 | ELECT 10U M 16V |
| C1102 | 403 266 8207 | NP-ELECT 10U M 16V | C176 | 403 162 4709 | ELECT 10U M 16V |
| C111 | 403 069 9500 | CERAMIC 0.01U Z 50V | C177 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C112 | 403 069 9500 | CERAMIC 0.01U Z 50V | C178 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C1121 | 403 175 4109 | ELECT 22U M 16V | C179 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C1122 | 403 021 0200 | CERAMIC 3P C 50V | C181 | 403 162 4709 | ELECT 10U M 16V |
| C1123 | 403 175 4109 | ELECT 22U M 16V | C182 | 403 314 5905 | CERAMIC 0.47U K 16V |
| C1124 | 403 021 0200 | CERAMIC 3P C 50V | C184 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| C1125 | 403 175 4109 | ELECT 22U M 16V | C189 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C1126 | 403 021 0200 | CERAMIC 3P C 50V | C191 | 403 162 4709 | ELECT 10U M 16V |
| C113 | 403 069 9500 | CERAMIC 0.01U Z 50V | C192 | 403 162 4709 | ELECT 10U M 16V |
| C1131 | 403 008 7406 | CERAMIC 10P D 50V | C197 | 403 314 5905 | CERAMIC 0.47U K 16V |
| C1133 | 403 008 7406 | CERAMIC 10P D 50V | C198 | 403 162 4709 | ELECT 10U M 16V |
| C1142 | 403 008 7406 | CERAMIC 10P D 50V | C199 | 403 316 5408 | CERAMIC 1U K 10V |
| C1150 | 403 009 5708 | CERAMIC 100P J 50V | C4000TM | 403 094 0206 | OS-SOLID 100U M 16V |
| C1151 | 403 175 3300 | ELECT 47U M 16V | C4001 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C1152 | 403 192 5905 | CERAMIC 0.1U K 25V | C4002 | 403 229 3508 | ELECT 100U M 16V |
| C1154 | 403 009 5708 | CERAMIC 100P J 50V | C4003 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C1156 | 403 175 3300 | ELECT 47U M 16V | C4004 | 403 269 5906 | CERAMIC 0.22U K 16V |
| C1157 | 403 192 5905 | CERAMIC 0.1U K 25V | C4005 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C1158 | 403 162 4709 | ELECT 10U M 16V | C4006 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C116 | 403 069 5601 | CERAMIC 0.01U K 50V | C4008 | 403 229 3508 | ELECT 100U M 16V |
| C1161 | 403 162 4709 | ELECT 10U M 16V | C4011 | 403 229 3508 | ELECT 100U M 16V |
| C117 | 403 162 4709 | ELECT 10U M 16V | C4012 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C1172 | 403 314 5905 | CERAMIC 0.47U K 16V | C4013 | 403 229 3508 | ELECT 100U M 16V |
| C1173 | 403 229 3508 | ELECT 100U M 16V | C4014 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C118 | 403 192 5905 | CERAMIC 0.1U K 25V | C4015 | 403 011 4904 | CERAMIC 120P J 50V |
| C119 | 403 192 5905 | CERAMIC 0.1U K 25V | C4016 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C1197 | 403 070 2606 | CERAMIC 0.1U Z 50V | C4017 | 403 014 9203 | CERAMIC 180P J 50V |
| C121 | 403 192 5905 | CERAMIC 0.1U K 25V | C4018 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C122 | 403 192 5905 | CERAMIC 0.1U K 25V | C4019 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C123 | 403 314 5905 | CERAMIC 0.47U K 16V | C4021 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C124 | 403 192 5905 | CERAMIC 0.1U K 25V | C4022 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C126 | 403 073 9107 | CERAMIC 4700P K 50V | C4023 | 403 229 3508 | ELECT 100U M 16V |
| C127 | 403 162 6208 | ELECT 1U M 50V | C4024 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C128 | 403 069 5601 | CERAMIC 0.01U K 50V | C4026TM | 403 012 4002 | CERAMIC 15P J 50V |
| C131 | 403 175 4109 | ELECT 22U M 16V | C4032 | 403 314 5905 | CERAMIC 0.47U K 16V |
| C132 | 403 314 5905 | CERAMIC 0.47U K 16V | C4042TM | 403 041 9405 | ELECT 10U M 16V |
| C133 | 403 314 5905 | CERAMIC 0.47U K 16V | | 403 189 2405 | ELECT 10U M 16V |
| C134 | 403 314 5905 | CERAMIC 0.47U K 16V | C4043 | 403 022 8205 | CERAMIC 33P J 50V |
| C136 | 403 069 5601 | CERAMIC 0.01U K 50V | C4044 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C137 | 403 022 8205 | CERAMIC 33P J 50V | C4045 | 403 175 3300 | ELECT 47U M 16V |
| C141 | 403 314 5905 | CERAMIC 0.47U K 16V | C4062 | 403 162 4709 | ELECT 10U M 16V |
| C142 | 403 229 3508 | ELECT 100U M 16V | C4064 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C143 | 403 162 4709 | ELECT 10U M 16V | C4065 | 403 175 3300 | ELECT 47U M 16V |
| C144 | 403 266 8207 | NP-ELECT 10U M 16V | C4072 | 403 012 6808 | CERAMIC 15P J 50V |
| C145 | 403 162 4709 | ELECT 10U M 16V | C4081 | 403 009 5708 | CERAMIC 100P J 50V |
| C146 | 403 314 5905 | CERAMIC 0.47U K 16V | C4082 | 403 022 8205 | CERAMIC 33P J 50V |
| C147 | 403 266 8207 | NP-ELECT 10U M 16V | C4083 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C148 | 403 314 5905 | CERAMIC 0.47U K 16V | C4084 | 403 009 5708 | CERAMIC 100P J 50V |
| C149 | 403 314 5905 | CERAMIC 0.47U K 16V | C4085 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C151 | 403 073 7301 | CERAMIC 470P K 50V | C4086 | 403 175 3300 | ELECT 47U M 16V |
| C152 | 403 067 7805 | MT-COMPO 0.47U J 50V | C4150 | 403 072 8507 | CERAMIC 330P K 50V |
| C153 | 403 012 1100 | CERAMIC 13P J 50V | C4155 | 403 073 7301 | CERAMIC 470P K 50V |
| C154 | 403 012 6808 | CERAMIC 15P J 50V | C4156 | 403 162 4709 | ELECT 10U M 16V |
| C156 | 403 010 8507 | CERAMIC 12P J 50V | C4157 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C157 | 403 314 5905 | CERAMIC 0.47U K 16V | C4171 | 403 215 2508 | CERAMIC 0.056U K 50V |
| C158 | 403 010 4202 | CERAMIC 11P J 50V | C4172 | 403 162 6208 | ELECT 1U M 50V |
| C160 | 403 067 9304 | CERAMIC 0.01U K 25V | C4173 | 403 072 1607 | CERAMIC 0.022U K 50V |
| C161 | 403 314 5905 | CERAMIC 0.47U K 16V | C4174 | 403 075 4803 | CERAMIC 820P K 50V |
| C162 | 403 162 4709 | ELECT 10U M 16V | C4175 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C163 | 403 192 5905 | CERAMIC 0.1U K 25V | C4176 | 403 162 6208 | ELECT 1U M 50V |
| C164 | 403 192 5905 | CERAMIC 0.1U K 25V | C4177 | 403 192 5905 | CERAMIC 0.1U K 25V |

[Electrical Parts List]

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|--------------------------|----------|--------------|--------------------------|
| C4178 | 403 162 4709 | ELECT 10U M 16V | R1071 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C5020 | 403 280 1604 | ELECT 220U M 16V | R1072 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C5021 | 403 280 1604 | ELECT 220U M 16V | R1075 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C5022 | 403 267 0606 | NP-ELECT 4. 7U M 16V | R1076 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C5023 | 403 072 1607 | CERAMIC 0. 022U K 50V | R108 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W |
| C5024 | 403 314 5905 | CERAMIC 0. 47U K 16V | R109 | 401 189 8304 | MT-GLAZE 180 JA 1/3W |
| C5025 | 403 073 1200 | CERAMIC 0. 033U K 50V | R1101 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C5030 | 403 069 9500 | CERAMIC 0. 01U Z 50V | R1102 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C5031 | 403 175 3300 | ELECT 47U M 16V | R1103 | 401 038 7601 | MT-GLAZE 560 JA 1/10W |
| C5032 | 403 069 9500 | CERAMIC 0. 01U Z 50V | R1104 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C5034 | 403 073 1200 | CERAMIC 0. 033U K 50V | R1105 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C5035 | 403 314 5905 | CERAMIC 0. 47U K 16V | R1106 | 401 038 7601 | MT-GLAZE 560 JA 1/10W |
| C5036 | 403 072 1607 | CERAMIC 0. 022U K 50V | R111 | 401 258 8303 | MT-GLAZE 150 JA 1/3W |
| C5037 | 403 280 1604 | ELECT 220U M 16V | R1111 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| C5038 | 403 069 9500 | CERAMIC 0. 01U Z 50V | R1111A | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C5040 | 403 267 0606 | NP-ELECT 4. 7U M 16V | R1111B | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C5041 | 403 314 5905 | CERAMIC 0. 47U K 16V | R1112 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| C5051 | 403 162 4709 | ELECT 10U M 16V | R1114 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C5052 | 403 162 4709 | ELECT 10U M 16V | R1115 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W |
| C7030 | 403 018 0503 | CERAMIC 22P J 50V | R1117 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7031 | 403 018 0503 | CERAMIC 22P J 50V | R1118 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7032 | 403 162 6208 | ELECT 1U M 50V | R1119 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7045 | 403 162 6208 | ELECT 1U M 50V | R112 | 401 037 9200 | MT-GLAZE 1. 8K JA 1/10W |
| C7046 | 403 162 6208 | ELECT 1U M 50V | R1121 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7051 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | R1122 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7053 | 403 192 5905 | CERAMIC 0. 1U K 25V | R1123 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7054 | 403 162 4709 | ELECT 10U M 16V | R1124 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7064 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1125 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7081 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1126 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7082 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1127 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7083TM | 403 008 5105 | CERAMIC 10P D 50V | R1128 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7085 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1129 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7088 | 403 162 6208 | ELECT 1U M 50V | R113 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W |
| C7089 | 403 162 4709 | ELECT 10U M 16V | R1131 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W |
| C7089A | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1132 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W |
| C7090 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1134 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7091 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1135 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W |
| C7092 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1136 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W |
| C7094 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1138 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7095 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R114 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7096 | 403 192 5905 | CERAMIC 0. 1U K 25V | R1141 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W |
| C7100 | 403 162 6208 | ELECT 1U M 50V | R1142 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W |
| C7120 | 403 175 4505 | ELECT 47U M 6. 3V | R1144 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7121 | 403 175 4505 | ELECT 47U M 6. 3V | R1147 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7122 | 403 175 4505 | ELECT 47U M 6. 3V | R1149 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7125 | 403 162 4709 | ELECT 10U M 16V | R1151 | 401 180 2202 | MT-GLAZE 360 FA 1/10W |
| C7126 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1151A | 401 038 7601 | MT-GLAZE 560 JA 1/10W |
| C7127 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1151B | 401 038 7601 | MT-GLAZE 560 JA 1/10W |
| C7141 | 403 192 5905 | CERAMIC 0. 1U K 25V | R1152 | 401 092 2406 | MT-GLAZE 2. 2K FA 1/10W |
| C7142 | 403 069 1702 | CERAMIC 1000P K 50V | R1153 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7143 | 403 162 6208 | ELECT 1U M 50V | R1155 | 401 180 5401 | MT-GLAZE 390 FA 1/10W |
| C7156 | 403 192 5905 | CERAMIC 0. 1U K 25V | R1156 | 401 092 2406 | MT-GLAZE 2. 2K FA 1/10W |
| C7157 | 403 073 3501 | CERAMIC 390P K 50V | R1156A | 401 038 7601 | MT-GLAZE 560 JA 1/10W |
| C7158 | 403 067 9304 | CERAMIC 0. 01U K 25V | R1156B | 401 038 7601 | MT-GLAZE 560 JA 1/10W |
| C7171 | 403 266 8207 | NP-ELECT 10U M 16V | R1157 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7172 | 403 020 5503 | CERAMIC 270P J 50V | R1158 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7181 | 403 012 6808 | CERAMIC 15P J 50V | R1159 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W |
| C7182 | 403 028 4102 | CERAMIC 56P J 50V | R116 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| C7183 | 403 018 0503 | CERAMIC 22P J 50V | R1160 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7185 | 403 018 0503 | CERAMIC 22P J 50V | R1161 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C7186 | 403 013 3004 | CERAMIC 150P J 50V | R1162 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7187 | 403 024 2102 | CERAMIC 39P J 50V | R1163 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7188 | 403 068 0409 | CERAMIC 0. 1U Z 25V | R1164 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C7189 | 403 162 4709 | ELECT 10U M 16V | R1168 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| RESISTOR | | | | | |
| R100 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | R1169 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R102 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W | R117 | 401 038 6307 | MT-GLAZE 470 JA 1/10W |
| R103 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W | R1171 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R107 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W | R1172 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | | | R1173 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | | | R1175 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|--------------------------|
| R1176 | 401 143 9408 | MT-GLAZE 220 FA 1/10W | R168 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1177 | 401 112 7701 | MT-GLAZE 560 FA 1/10W | R169 | 401 037 7404 | MT-GLAZE 13K JA 1/10W |
| R1178 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R171 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1179 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R172 | 401 038 6505 | MT-GLAZE 47K JA 1/10W |
| R118 | 401 039 0304 | MT-GLAZE 820 JA 1/10W | R173 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R1184 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W | R174 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1185 | 401 038 9209 | MT-GLAZE 6. 8K JA 1/10W | R175 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1186 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R176 | 401 038 7809 | MT-GLAZE 56K JA 1/10W |
| R1189 | 401 038 0701 | MT-GLAZE 2. 2K JA 1/10W | R177 | 401 038 5300 | MT-GLAZE 39K JA 1/10W |
| R119 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R179 | 401 240 7307 | MT-GLAZE 8. 2 JA 1/3W |
| R1190 | 401 037 9200 | MT-GLAZE 1. 8K JA 1/10W | R181 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1191 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R183 | 401 240 7307 | MT-GLAZE 8. 2 JA 1/3W |
| R1192 | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W | R186 | 401 112 7602 | MT-GLAZE 1K FA 1/10W |
| R1193 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R187 | 401 112 7602 | MT-GLAZE 1K FA 1/10W |
| R1194 | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W | R188 | 401 038 2101 | MT-GLAZE 2. 7K JA 1/10W |
| R1195 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R189 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1196 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R191 | 401 103 7901 | MT-GLAZE 820 FA 1/10W |
| R1197 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R192 | 401 112 7602 | MT-GLAZE 1K FA 1/10W |
| R1198 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R193 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W |
| R1198A | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R194 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1198B | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W | R196 | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W |
| R1199 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R197 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1199A | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R198 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1199B | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W | R199 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R120 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R199A | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R121 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R4000 | 401 037 7800 | MT-GLAZE 150 JA 1/10W |
| R122 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R4001 | 401 037 7800 | MT-GLAZE 150 JA 1/10W |
| R123 | 401 039 0304 | MT-GLAZE 820 JA 1/10W | R4002 | 401 037 7909 | MT-GLAZE 1. 5K JA 1/10W |
| R124 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R4011 | 401 039 0304 | MT-GLAZE 820 JA 1/10W |
| R126 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R4012 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R127 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R4013 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R128 | 401 039 0304 | MT-GLAZE 820 JA 1/10W | R4014 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R130 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R4016 | 401 039 0403 | MT-GLAZE 8. 2K JA 1/10W |
| R131 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R4017 | 401 037 6803 | MT-GLAZE 12K JA 1/10W |
| R132 | 401 038 7700 | MT-GLAZE 5. 6K JA 1/10W | R4018 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R133 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R4019 | 401 112 7602 | MT-GLAZE 1K FA 1/10W |
| R134 | 401 038 2101 | MT-GLAZE 2. 7K JA 1/10W | R4020 | 401 112 7800 | MT-GLAZE 470 FA 1/10W |
| R136 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R4021 | 401 092 1904 | MT-GLAZE 2. 7K FA 1/10W |
| R137 | 401 038 9209 | MT-GLAZE 6. 8K JA 1/10W | R4026TM | 401 026 9907 | CARBON 4. 7K JA 1/6W |
| R138 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R4031 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R139 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R4035 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R140 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R4036 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W |
| R141 | 401 038 3801 | MT-GLAZE 330K JA 1/10W | R4040TM | 401 027 3003 | CARBON 56K JA 1/6W |
| R142 | 401 037 7800 | MT-GLAZE 150 JA 1/10W | R4041 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R143 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R4042 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R144 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R4045 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R145 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | R4046 | 401 038 5300 | MT-GLAZE 39K JA 1/10W |
| R146 | 401 038 3603 | MT-GLAZE 3. 3K JA 1/10W | R4047 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R147 | 401 038 0602 | MT-GLAZE 220 JA 1/10W | R4048TM | 401 025 7805 | CARBON 2. 2K JA 1/6W |
| R148 | 401 038 0602 | MT-GLAZE 220 JA 1/10W | R4049 | 401 111 4800 | MT-GLAZE 3. 9K FA 1/10W |
| R148A | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R4051 | 401 092 1904 | MT-GLAZE 2. 7K FA 1/10W |
| R148B | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R4052 | 401 037 5004 | MT-GLAZE 0. 000 ZA 1/10W |
| R149 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R4056 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R151 | 401 037 8005 | MT-GLAZE 15K JA 1/10W | R4057 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R152 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R4061 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R153 | 401 037 9200 | MT-GLAZE 1. 8K JA 1/10W | R4062 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R154 | 401 038 7809 | MT-GLAZE 56K JA 1/10W | R4063 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R155 | 401 038 7809 | MT-GLAZE 56K JA 1/10W | R4064 | 401 111 5005 | MT-GLAZE 100K FA 1/10W |
| R156 | 401 038 7809 | MT-GLAZE 56K JA 1/10W | R4065 | 401 100 5207 | MT-GLAZE 15K FA 1/10W |
| R157 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | R4066 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R158 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | R4068 | 401 148 2701 | MT-GLAZE 1. 1K FA 1/10W |
| R159 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | R4069 | 401 092 2406 | MT-GLAZE 2. 2K FA 1/10W |
| R160 | 401 037 6902 | MT-GLAZE 120K JA 1/10W | R4071 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R161 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | R4072TM | 401 026 9907 | CARBON 4. 7K JA 1/6W |
| R162 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | R4073 | 401 038 2101 | MT-GLAZE 2. 7K JA 1/10W |
| R163 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | R4074TM | 401 025 4606 | CARBON 18K JA 1/6W |
| R164 | 401 038 2101 | MT-GLAZE 2. 7K JA 1/10W | R4081 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R165 | 401 038 0909 | MT-GLAZE 220K JA 1/10W | R4082 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R166 | 401 037 7909 | MT-GLAZE 1. 5K JA 1/10W | R4083 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R167 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R4084 | 401 037 6803 | MT-GLAZE 12K JA 1/10W |

[Electrical Parts List]

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|------------------------|
| R4085 | 401 038 5102 | MT-GLAZE 3.9K JA 1/10W | R7177 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R4086 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R7181 | 401 038 6307 | MT-GLAZE 470 JA 1/10W |
| R4087 | 401 038 7601 | MT-GLAZE 560 JA 1/10W | R7183 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R4088 | 401 037 6704 | MT-GLAZE 1.2K JA 1/10W | R7183A | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R4089 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R7184 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R4091 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R7185 | 401 038 6307 | MT-GLAZE 470 JA 1/10W |
| R4092 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R7186 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R4150 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R7191 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R4155 | 401 037 8005 | MT-GLAZE 15K JA 1/10W | R7192 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R4156 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | R7195 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R4157 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W | R7196 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R4158 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | | |
| R4159 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | COIL | | |
| R4171 | 401 037 8104 | MT-GLAZE 150K JA 1/10W | L1151 | 645 029 6635 | DELAY LINE |
| R4176 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1156 | 645 029 6635 | DELAY LINE |
| R4177 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L4002 | 645 001 4512 | INDUCTOR, 10U K |
| R4179 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | L4003 | 645 001 4512 | INDUCTOR, 10U K |
| R4181 | 401 038 7601 | MT-GLAZE 560 JA 1/10W | L4040 | 645 001 4512 | INDUCTOR, 10U K |
| R4182 | 401 038 5102 | MT-GLAZE 3.9K JA 1/10W | L4042TM | 645 007 9986 | INDUCTOR, 33U J |
| R4183 | 401 038 7502 | MT-GLAZE 56 JA 1/10W | L4060 | 645 001 4512 | INDUCTOR, 10U K |
| R4185 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L4061 | 645 025 6066 | FILTER, LP 7MHZ |
| R4186 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L4072TM | 645 007 9986 | INDUCTOR, 33U J |
| R4187 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L4081 | 645 004 2430 | INDUCTOR, 56U J |
| R5026 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W | L4082 | 645 004 2430 | INDUCTOR, 56U J |
| R5027 | 401 038 0602 | MT-GLAZE 220 JA 1/10W | L7001 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5028 | 401 038 0602 | MT-GLAZE 220 JA 1/10W | L7002 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5029 | 401 038 5003 | MT-GLAZE 390 JA 1/10W | L7003 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5031 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | L7004 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5032 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | L7005 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5033 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W | L7006 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5036 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | L7007 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5037 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | L7008 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5041 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L7046 | 645 001 4512 | INDUCTOR, 10U K |
| R5042 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | L7121 | 645 001 4512 | INDUCTOR, 10U K |
| R5043 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L7122 | 645 001 4512 | INDUCTOR, 10U K |
| R5044 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L7125 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5045 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | L7126 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5046 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L7127 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R5049 | 401 038 5003 | MT-GLAZE 390 JA 1/10W | L7156 | 645 004 1587 | INDUCTOR, 4.7U J |
| R5051 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | L7181 | 645 004 2362 | INDUCTOR, 18U J |
| R5052 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | L7182 | 645 004 2409 | INDUCTOR, 33U J |
| R5053 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | L7185 | 645 004 2362 | INDUCTOR, 18U J |
| R5054 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | L7186 | 645 004 2423 | INDUCTOR, 47U J |
| R7031 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | L7188 | 645 001 4512 | INDUCTOR, 10U K |
| R7041 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | | |
| R7042 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | DIODE | | |
| R7043 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | D101 | 407 071 6601 | ZENER DIODE DZD5.1Z-TA |
| R7044 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3506 | ZD 02CZ5.1Z(TE85R) |
| R7052 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | D102 | 407 004 8009 | DIODE DSB015-TB |
| R7054 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | D161 | 407 004 8009 | DIODE DSB015-TB |
| R7057 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | D162 | 407 004 8009 | DIODE DSB015-TB |
| R7058 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | D191 | 407 004 8009 | DIODE DSB015-TB |
| R7059 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | D5031 | 407 071 6403 | ZENER DIODE DZD5.1X-TA |
| R7060 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 071 6502 | ZENER DIODE DZD5.1Y-TA |
| R7077 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | 407 071 6601 | ZENER DIODE DZD5.1Z-TA |
| R7078 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 175 3308 | ZD 02CZ5.1X(TE85R) |
| R7079 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 175 3407 | ZD 02CZ5.1Y(TE85R) |
| R7141 | 401 038 0602 | MT-GLAZE 220 JA 1/10W | | 407 175 3506 | ZD 02CZ5.1Z(TE85R) |
| R7142 | 401 038 6505 | MT-GLAZE 47K JA 1/10W | D5032 | 407 092 9506 | DIODE SB07-03C-TB |
| R7143 | 401 038 0909 | MT-GLAZE 220K JA 1/10W | D7054 | 407 004 8009 | DIODE DSB015-TB |
| R7144 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | D7083 | 407 071 6601 | ZENER DIODE DZD5.1Z-TA |
| R7145 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | | 407 175 3506 | ZD 02CZ5.1Z(TE85R) |
| R7146 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | D7084 | 407 071 6601 | ZENER DIODE DZD5.1Z-TA |
| R7147 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | | 407 175 3506 | ZD 02CZ5.1Z(TE85R) |
| R7156 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | D7121 | 407 004 8009 | DIODE DSB015-TB |
| R7158 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | | |
| R7171 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | | |
| R7172 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | | | |
| R7173 | 401 037 8005 | MT-GLAZE 15K JA 1/10W | | | |
| R7174 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|--------------------|---------------|--------------------------|-----------|--------------|-----------------------|
| MISCELLANEOUS | | | IC2106 | 409 153 5601 | IC MC74F244M |
| TE101 | 645 000 0409 | TERMINAL | IC2107 | 410 306 4600 | IC M52347FP-600D |
| TE4001 | 645 000 0409 | TERMINAL | CAPACITOR | | |
| TE4171 | 645 000 0409 | TERMINAL | C2101 | 403 014 9203 | CERAMIC 180P J 50V |
| TE7001 | 645 000 0409 | TERMINAL | C2102 | 403 023 4404 | CERAMIC 330P J 50V |
| TP101 | 645 000 0409 | TERMINAL | C2103 | 403 014 9203 | CERAMIC 180P J 50V |
| TP102 | 645 000 0409 | TERMINAL | C2104 | 403 023 4404 | CERAMIC 330P J 50V |
| TP103 | 645 000 0409 | TERMINAL | C2105 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| TP4001 | 645 000 0409 | TERMINAL | C2106 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| TP4171 | 645 000 0409 | TERMINAL | C2107 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| TP4172 | 645 000 0409 | TERMINAL | C2109 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| TP4173 | 645 000 0409 | TERMINAL | C2111 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| TP7001 | 645 000 0409 | TERMINAL | C2112 | 403 162 4006 | ELECT 22U M 6.3V |
| TP7002 | 645 000 0409 | TERMINAL | C2113 | 403 192 5905 | CERAMIC 0.1U K 25V |
| TP7156 | 645 000 0409 | TERMINAL | C2116 | 403 175 3300 | ELECT 47U M 16V |
| TP7163 | 645 000 0409 | TERMINAL | C2117 | 403 175 3300 | ELECT 47U M 16V |
| K10C | 645 008 3389 | PLUG, 15P | C2118 | 403 175 3300 | ELECT 47U M 16V |
| K10D | 645 008 3389 | PLUG, 15P | C2121 | 403 018 0503 | CERAMIC 22P J 50V |
| K10S | 645 006 0861 | PLUG, 7P | C2122 | 403 018 0503 | CERAMIC 22P J 50V |
| K10T | 645 005 8127 | PLUG, 6P | C2123 | 403 018 0503 | CERAMIC 22P J 50V |
| K10U | 645 005 8158 | PLUG, 10P | C2124 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| X101 | 610 012 0532 | OSC, CERAMIC 500.0KHZ | C2126 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| X102 | 645 024 8801 | OSC, CRYSTAL 4.433619MHZ | C2127 | 403 192 5905 | CERAMIC 0.1U K 25V |
| | 645 025 1122 | OSC, CRYSTAL 4.433619MHZ | C2131 | 403 192 5905 | CERAMIC 0.1U K 25V |
| X103 | 645 028 1365 | OSC, CRYSTAL 3.582056MHZ | C2132 | 403 162 4709 | ELECT 10U M 16V |
| X104 | 645 028 1372 | OSC, CRYSTAL 3.575611MHZ | C2134 | 403 067 8208 | MT-COMPO 0.068U J 50V |
| X105 | 645 024 8788 | OSC, CRYSTAL 3.579545MHZ | C2135 | 403 162 4709 | ELECT 10U M 16V |
| | 645 025 1108 | OSC, CRYSTAL 3.579545MHZ | C2137 | 403 009 5708 | CERAMIC 100P J 50V |
| X4171 | 645 006 3459 | OSC, CERAMIC 500.0KHZ | C2138 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| X7031 | 645 028 5622 | OSC, CRYSTAL 20.000MHZ | C2139 | 403 175 4505 | ELECT 47U M 6.3V |
| | 645 028 5646 | OSC, CRYSTAL 20.000MHZ | C2141 | 403 018 7403 | CERAMIC 220P J 50V |
| | 610 272 1317 | ASSY, PWB, CG-M6MA | C2146 | 403 162 4006 | ELECT 22U M 6.3V |
| | 1AA0B10C1610B | | C2147 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| TRANSISTOR | | | C2148 | 403 021 0200 | CERAMIC 3P C 50V |
| Q2101 | 405 014 4509 | TR 2SC2412K T146 R | C2149 | 403 021 0200 | CERAMIC 3P C 50V |
| | 405 014 4608 | TR 2SC2412K T146 S | C2151 | 403 316 5408 | CERAMIC 1U K 10V |
| | 405 015 8704 | TR 2SC2812-L6-TB | C2152 | 403 021 0200 | CERAMIC 3P C 50V |
| | 405 015 8902 | TR 2SC2812-L7-TB | C2161 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| Q2102 | 405 014 4509 | TR 2SC2412K T146 R | C2163 | 403 316 5408 | CERAMIC 1U K 10V |
| | 405 014 4608 | TR 2SC2412K T146 S | C2164 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | 405 015 8704 | TR 2SC2812-L6-TB | C2166 | 403 316 5408 | CERAMIC 1U K 10V |
| | 405 015 8902 | TR 2SC2812-L7-TB | C2167 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| Q2103 | 405 014 4509 | TR 2SC2412K T146 R | C2173 | 403 162 6208 | ELECT 1U M 50V |
| | 405 014 4608 | TR 2SC2412K T146 S | C2176 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | 405 015 8704 | TR 2SC2812-L6-TB | C2178 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | 405 015 8902 | TR 2SC2812-L7-TB | C2184 | 403 267 0606 | NP-ELECT 4.7U M 16V |
| Q2104 | 405 014 4509 | TR 2SC2412K T146 R | C2185 | 403 267 0606 | NP-ELECT 4.7U M 16V |
| | 405 014 4608 | TR 2SC2412K T146 S | C2186 | 403 267 0606 | NP-ELECT 4.7U M 16V |
| | 405 015 8704 | TR 2SC2812-L6-TB | C2187 | 403 267 0606 | NP-ELECT 4.7U M 16V |
| | 405 015 8902 | TR 2SC2812-L7-TB | RESISTOR | | |
| Q2106 | 405 014 4509 | TR 2SC2412K T146 R | R2101 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| | 405 014 4608 | TR 2SC2412K T146 S | R2102 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| | 405 015 8704 | TR 2SC2812-L6-TB | R2103 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| | 405 015 8902 | TR 2SC2812-L7-TB | R2104 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| Q2107 | 405 014 4509 | TR 2SC2412K T146 R | R2106 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| | 405 014 4608 | TR 2SC2412K T146 S | R2107 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| | 405 015 8704 | TR 2SC2812-L6-TB | R2108 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | 405 015 8902 | TR 2SC2812-L7-TB | R2109 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| Q2109 | 405 014 4509 | TR 2SC2412K T146 R | R2111 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | 405 014 4608 | TR 2SC2412K T146 S | R2112 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | 405 015 8704 | TR 2SC2812-L6-TB | R2113 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | 405 015 8902 | TR 2SC2812-L7-TB | R2114 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| INTEGRATED CIRCUIT | | | R2115 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| IC2101 | 409 407 7900 | IC EL4332CS | R2116 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| IC2102 | 409 407 7900 | IC EL4332CS | R2117 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| IC2103 | 409 407 7900 | IC EL4332CS | R2118 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| IC2104 | 409 403 7300 | IC EL2386CS-T2 | R2119 | 401 147 7707 | MT-GLAZE 150 FA 1/10W |
| | | | R2120 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|-------------------------|
| R2121 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L2103 | 645 024 0669 | FILTER, EMI 20PF |
| R2122 | 401 147 7707 | MT-GLAZE 150 FA 1/10W | L2104 | 645 025 0637 | FILTER, EMI 190PF |
| R2123 | 401 147 7707 | MT-GLAZE 150 FA 1/10W | L2106 | 645 025 0637 | FILTER, EMI 190PF |
| R2124 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L2107 | 645 024 0669 | FILTER, EMI 20PF |
| R2125 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L2108 | 645 024 0669 | FILTER, EMI 20PF |
| R2126 | 401 147 7707 | MT-GLAZE 150 FA 1/10W | L2109 | 645 024 0669 | FILTER, EMI 20PF |
| R2127 | 401 147 7707 | MT-GLAZE 150 FA 1/10W | L2111 | 645 025 0637 | FILTER, EMI 190PF |
| R2128 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L2112 | 645 025 0637 | FILTER, EMI 190PF |
| R2129 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L2113 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2130 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L2114 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2131 | 401 147 8407 | MT-GLAZE 51 FA 1/10W | L2116 | 645 002 3910 | FILTER, EMI 100MHZ |
| R2132 | 401 092 2109 | MT-GLAZE 100 FA 1/10W | L2117 | 645 002 3910 | FILTER, EMI 100MHZ |
| R2133 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L2118 | 645 002 3910 | FILTER, EMI 100MHZ |
| R2134 | 401 147 8407 | MT-GLAZE 51 FA 1/10W | L2122 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R2135 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L2123 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W |
| R2136 | 401 092 2109 | MT-GLAZE 100 FA 1/10W | | | |
| R2137 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | DIODE | | |
| R2139 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | D2101 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2141 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2142 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2143 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2144 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | D2102 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2146 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2148 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2149 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2151 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | D2103 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2152 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2153 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2156 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2157 | 401 092 2109 | MT-GLAZE 100 FA 1/10W | D2104 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2158 | 401 147 8407 | MT-GLAZE 51 FA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2159 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2161 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2162 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | D2105 | 407 004 8009 | DIODE DSB015-TB |
| R2163 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | D2106 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2164 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2169 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2171 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2172 | 401 038 7809 | MT-GLAZE 56K JA 1/10W | D2107 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2173 | 401 038 6000 | MT-GLAZE 43K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2174 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2175 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2176 | 401 037 9309 | MT-GLAZE 18K JA 1/10W | D2108 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| R2177 | 401 038 3009 | MT-GLAZE 3K JA 1/10W | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| R2178 | 401 037 9309 | MT-GLAZE 18K JA 1/10W | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| R2179 | 401 038 3009 | MT-GLAZE 3K JA 1/10W | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| R2180 | 401 038 5904 | MT-GLAZE 4.3K JA 1/10W | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| R2181 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| R2182 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | D2109 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| R2183 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| R2184 | 401 037 7800 | MT-GLAZE 150 JA 1/10W | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| R2185TM | 401 025 1308 | CARBON 150 JA 1/6W | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| R2186 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| R2187 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| R2188 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | D2111 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2189 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2190 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2191 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2192 | 401 038 9506 | MT-GLAZE 75 JA 1/10W | D2112 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2193 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2194 | 401 038 9506 | MT-GLAZE 75 JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2195 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| R2196 | 401 038 9506 | MT-GLAZE 75 JA 1/10W | D2113 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R2197 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R2198 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| R2199 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |
| COIL | | | D2114 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| L2101 | 645 024 0669 | FILTER, EMI 20PF | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| L2102 | 645 024 0669 | FILTER, EMI 20PF | | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) |
| | | | | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|---------------|--------------|---------------------------|--------------------|--------------|----------------------|
| D2115 | 407 004 8009 | DIODE DSB015-TB | | 405 015 8704 | TR 2SC2812-L6-TB |
| D2116 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 405 015 8902 | TR 2SC2812-L7-TB |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | 05111 | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) | | 405 014 4608 | TR 2SC2412K T146 S |
| | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) | | 405 015 8704 | TR 2SC2812-L6-TB |
| D2117 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 405 015 8902 | TR 2SC2812-L7-TB |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | 05141 | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) | 05142 | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) | 05151 | 405 014 4509 | TR 2SC2412K T146 R |
| D2118 | 407 071 0005 | ZENER DIODE DZD12X-TA | 05152 | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | 05156 | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | 05157 | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 199 6200 | ZD 02CZ12X(TE85R) | 05158 | 405 014 4509 | TR 2SC2412K T146 R |
| | 407 175 2806 | ZD 02CZ12Y(TE85R) | | | |
| | 407 175 2905 | ZD 02CZ12Z(TE85R) | | | |
| D2119 | 407 071 0005 | ZENER DIODE DZD12X-TA | INTEGRATED CIRCUIT | | |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | IC2801 | 410 296 5700 | IC TWM7000-151020 |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | IC2802 | 410 275 5707 | IC TWM7000-162020 |
| | 407 199 6200 | ZD 02CZ12X(TE85R) | | 410 275 5806 | IC TWM7000-162020 |
| | 407 175 2806 | ZD 02CZ12Y(TE85R) | IC2803 | 409 380 6303 | IC HIN232CB |
| | 407 175 2905 | ZD 02CZ12Z(TE85R) | IC2851 | 410 296 5700 | IC TWM7000-151020 |
| D2121 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | IC2852 | 410 275 5707 | IC TWM7000-162020 |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 410 275 5806 | IC TWM7000-162020 |
| | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) | IC2871 | 410 296 2402 | IC TMP47C101M-JV45 |
| | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) | IC2872 | 409 344 1900 | IC MN1382-Q-TX |
| D2122 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | IC2891 | 409 380 6303 | IC HIN232CB |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | IC5101 | 409 211 7301 | IC MC14053BFL |
| | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) | | 409 051 2900 | IC TC4053BF-TP1 |
| | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) | IC5121 | 409 421 8808 | IC M62420FP |
| D2123 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | IC6081 | 408 016 8803 | PC PC113 (VDE0884) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | | |
| | 407 175 3803 | ZD 02CZ6. 2Y(TE85R) | CAPACITOR | | |
| | 407 175 3902 | ZD 02CZ6. 2Z(TE85R) | C2801 | 403 316 5408 | CERAMIC 1U K 10V |
| D2124 | 407 071 0005 | ZENER DIODE DZD12X-TA | C2803 | 403 316 5408 | CERAMIC 1U K 10V |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | C2804 | 403 316 5408 | CERAMIC 1U K 10V |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | C2808 | 403 162 6208 | ELECT 1U M 50V |
| | 407 199 6200 | ZD 02CZ12X(TE85R) | C2811 | 403 162 6208 | ELECT 1U M 50V |
| | 407 175 2806 | ZD 02CZ12Y(TE85R) | C2812 | 403 162 6208 | ELECT 1U M 50V |
| | 407 175 2905 | ZD 02CZ12Z(TE85R) | C2813 | 403 162 6208 | ELECT 1U M 50V |
| D2125 | 407 004 8009 | DIODE DSB015-TB | C2814 | 403 162 6208 | ELECT 1U M 50V |
| D2126 | 407 071 0005 | ZENER DIODE DZD12X-TA | C2816 | 403 316 5408 | CERAMIC 1U K 10V |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | C2820 | 403 316 5408 | CERAMIC 1U K 10V |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | C2851 | 403 175 4505 | ELECT 47U M 6.3V |
| | 407 199 6200 | ZD 02CZ12X(TE85R) | C2852 | 403 316 5408 | CERAMIC 1U K 10V |
| | 407 175 2806 | ZD 02CZ12Y(TE85R) | C2853 | 403 316 5408 | CERAMIC 1U K 10V |
| | 407 175 2905 | ZD 02CZ12Z(TE85R) | C2854 | 403 316 5408 | CERAMIC 1U K 10V |
| D2127 | 407 004 8009 | DIODE DSB015-TB | C2858 | 403 162 6208 | ELECT 1U M 50V |
| D2128 | 407 004 8009 | DIODE DSB015-TB | C2860 | 403 316 5408 | CERAMIC 1U K 10V |
| D2129 | 407 004 8009 | DIODE DSB015-TB | C2872 | 403 316 5408 | CERAMIC 1U K 10V |
| D2130 | 407 004 8009 | DIODE DSB015-TB | C2873 | 403 316 5408 | CERAMIC 1U K 10V |
| D2131 | 407 004 8009 | DIODE DSB015-TB | C2891 | 403 162 6208 | ELECT 1U M 50V |
| D2176 | 407 004 8009 | DIODE DSB015-TB | C2892 | 403 162 6208 | ELECT 1U M 50V |
| D2178 | 407 004 8009 | DIODE DSB015-TB | C2893 | 403 162 6208 | ELECT 1U M 50V |
| | | | C2894 | 403 162 6208 | ELECT 1U M 50V |
| MISCELLANEOUS | | | C5101 | 403 205 7803 | TA-SOLID 2.2U M 16V |
| TH2190TM | 408 039 8002 | THERMISTOR NTH5G2M31B102J | C5102 | 403 205 7803 | TA-SOLID 2.2U M 16V |
| K21A | 645 028 0955 | SOCKET, 40P | C5103 | 403 205 7803 | TA-SOLID 2.2U M 16V |
| K21B | 645 028 0955 | SOCKET, 40P | C5104 | 403 205 7803 | TA-SOLID 2.2U M 16V |
| K21C | 645 028 0955 | SOCKET, 40P | C5106 | 403 205 7803 | TA-SOLID 2.2U M 16V |
| K21D | 645 006 0946 | PLUG, 7P | C5112 | 403 280 1604 | ELECT 220U M 16V |
| K21E | 645 008 3341 | PLUG, 10P | C5113 | 403 314 5905 | CERAMIC 0.47U K 16V |
| K21F | 645 008 3341 | PLUG, 10P | C5114 | 403 314 5905 | CERAMIC 0.47U K 16V |
| K21G-1 | 610 012 5926 | TERMINAL | C5120 | 403 280 1604 | ELECT 220U M 16V |
| | | | C5121 | 403 280 1604 | ELECT 220U M 16V |
| | | | C5122 | 403 267 0606 | NP-ELECT 4.7U M 16V |
| | | | C5123 | 403 072 1607 | CERAMIC 0.022U K 50V |
| | | | C5124 | 403 314 5905 | CERAMIC 0.47U K 16V |
| | | | C5125 | 403 073 1200 | CERAMIC 0.033U K 50V |
| TRANSISTOR | | | C5130 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| Q5110 | 405 014 4509 | TR 2SC2412K T146 R | C5131 | 403 175 3300 | ELECT 47U M 16V |
| | 405 014 4608 | TR 2SC2412K T146 S | C5132 | 403 069 9500 | CERAMIC 0.01U Z 50V |
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[Electrical Parts List]

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|-------------------------|
| C5134 | 403 073 1200 | CERAMIC 0.033U K 50V | R5126 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W |
| C5135 | 403 314 5905 | CERAMIC 0.47U K 16V | R5127 | 401 038 0602 | MT-GLAZE 220 JA 1/10W |
| C5136 | 403 072 1607 | CERAMIC 0.022U K 50V | R5128 | 401 038 0602 | MT-GLAZE 220 JA 1/10W |
| C5137 | 403 280 1604 | ELECT 220U M 16V | R5129 | 401 038 5003 | MT-GLAZE 390 JA 1/10W |
| C5138 | 403 069 9500 | CERAMIC 0.01U Z 50V | R5131 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| C5139 | 403 280 1604 | ELECT 220U M 16V | R5132 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W |
| C5140 | 403 267 0606 | NP-ELECT 4.7U M 16V | R5133 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W |
| C5141 | 403 314 5905 | CERAMIC 0.47U K 16V | R5136 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W |
| C5151 | 403 162 4709 | ELECT 10U M 16V | R5137 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W |
| C5152 | 403 162 4709 | ELECT 10U M 16V | R5141 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RESISTOR | | | R5142 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| RB2881 | 645 025 5380 | R-NETWORK 10KX4 1/16W | R5143 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | 645 026 8014 | R-NETWORK 10KX4 1/16W | R5144 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R2800 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R5145 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| R2801 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5146 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R2802 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5149 | 401 038 5003 | MT-GLAZE 390 JA 1/10W |
| R2803 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5151 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W |
| R2804 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5152 | 401 038 9001 | MT-GLAZE 680 JA 1/10W |
| R2805 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R5153 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W |
| R2806 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5154 | 401 038 9001 | MT-GLAZE 680 JA 1/10W |
| R2807 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5156 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R2808 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R5157 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| R2809 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R5158 | 401 038 6307 | MT-GLAZE 470 JA 1/10W |
| R2810 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R5161 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R2811 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5162 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R2812 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5163 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R2814 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5164 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R2815 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R5171 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R2816 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5172 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R2818 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5173 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R2819 | 401 038 3702 | MT-GLAZE 33K JA 1/10W | R5174 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R2850 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R5181 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R2851 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5182 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R2852 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5183 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R2853 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5184 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R2854 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R6041 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R2855 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R6051 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R2856 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R6061 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R2857 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R6081 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R2859 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R6082 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R2861 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R6083 | 401 038 3504 | MT-GLAZE 330 JA 1/10W |
| R2862 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | COIL | | |
| R2863 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L5161 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2864 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L5162 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2866 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L5173 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2868 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L5174 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2869 | 401 038 3702 | MT-GLAZE 33K JA 1/10W | L5181 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2870 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L5182 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2871 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L6001 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2872 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L6002 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2873 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L6003 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2882 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L6004 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2883 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L6005 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2884 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L6006 | 645 014 2659 | FILTER, EMI 10MHZ |
| R2895 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L6007 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5101 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | L6008 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5102 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | L6009 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5103 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | L6011 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5104 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | L6021 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5106 | 401 038 3603 | MT-GLAZE 3.3K JA 1/10W | L6022 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5107 | 401 038 3603 | MT-GLAZE 3.3K JA 1/10W | L6023 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5110 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | L6024 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5111 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L6025 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5112 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L6026 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5113 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L6027 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5114 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L6028 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5115 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L6029 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5116 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L6031 | 645 014 2659 | FILTER, EMI 10MHZ |
| R5117 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L6041 | 645 014 2659 | FILTER, EMI 10MHZ |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|-------------------------|
| L6051 | 645 014 2659 | FILTER, EMI 10MHZ | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| L6052 | 645 014 2659 | FILTER, EMI 10MHZ | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| L6053 | 645 014 2659 | FILTER, EMI 10MHZ | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| L6061 | 645 014 2659 | FILTER, EMI 10MHZ | D5181 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| L6062 | 645 014 2659 | FILTER, EMI 10MHZ | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| L6063 | 645 014 2659 | FILTER, EMI 10MHZ | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| L6081 | 645 014 2659 | FILTER, EMI 10MHZ | | 407 199 6200 | ZD 02CZ12X (TE85R) |
| L6082 | 645 014 2659 | FILTER, EMI 10MHZ | | 407 175 2806 | ZD 02CZ12Y (TE85R) |
| | | | | 407 175 2905 | ZD 02CZ12Z (TE85R) |
| DIODE | | | D5182 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| D2801 | 407 071 6403 | ZENER DIODE DZD5. 1X-TA | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| | 407 071 6502 | ZENER DIODE DZD5. 1Y-TA | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| | 407 175 3308 | ZD 02CZ5. 1X (TE85R) | | 407 199 6200 | ZD 02CZ12X (TE85R) |
| | 407 175 3407 | ZD 02CZ5. 1Y (TE85R) | | 407 175 2806 | ZD 02CZ12Y (TE85R) |
| D2851 | 407 071 6403 | ZENER DIODE DZD5. 1X-TA | | 407 175 2905 | ZD 02CZ12Z (TE85R) |
| | 407 071 6502 | ZENER DIODE DZD5. 1Y-TA | D5183 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| | 407 175 3308 | ZD 02CZ5. 1X (TE85R) | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| | 407 175 3407 | ZD 02CZ5. 1Y (TE85R) | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| D5101 | 407 071 0807 | ZENER DIODE DZD15X-TA | | 407 199 6200 | ZD 02CZ12X (TE85R) |
| | 407 071 0906 | ZENER DIODE DZD15Y-TA | | 407 175 2806 | ZD 02CZ12Y (TE85R) |
| | 407 175 3001 | ZD 02CZ15X (TE85R) | | 407 175 2905 | ZD 02CZ12Z (TE85R) |
| | 407 189 6005 | ZD 02CZ15Y (TE85R) | D5184 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| D5102 | 407 071 0807 | ZENER DIODE DZD15X-TA | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| | 407 071 0906 | ZENER DIODE DZD15Y-TA | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| | 407 175 3001 | ZD 02CZ15X (TE85R) | | 407 199 6200 | ZD 02CZ12X (TE85R) |
| | 407 189 6005 | ZD 02CZ15Y (TE85R) | | 407 175 2806 | ZD 02CZ12Y (TE85R) |
| D5103 | 407 071 0807 | ZENER DIODE DZD15X-TA | | 407 175 2905 | ZD 02CZ12Z (TE85R) |
| | 407 071 0906 | ZENER DIODE DZD15Y-TA | D6000 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3001 | ZD 02CZ15X (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 189 6005 | ZD 02CZ15Y (TE85R) | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| D5104 | 407 071 0807 | ZENER DIODE DZD15X-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 071 0906 | ZENER DIODE DZD15Y-TA | D6001 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3001 | ZD 02CZ15X (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 189 6005 | ZD 02CZ15Y (TE85R) | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| D5131 | 407 071 6403 | ZENER DIODE DZD5. 1X-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 071 6502 | ZENER DIODE DZD5. 1Y-TA | D6002 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3308 | ZD 02CZ5. 1X (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 175 3407 | ZD 02CZ5. 1Y (TE85R) | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| D5132 | 407 092 9506 | DIODE SB07-03C-TB | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| D5156 | 407 004 8009 | DIODE DSB015-TB | D6003 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D5157 | 407 004 8009 | DIODE DSB015-TB | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5161 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) | D6004 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5162 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) | D6005 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5163 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) | D6006 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5164 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) | D6007 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5171 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) | D6008 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5172 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) | D6009 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5173 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) | D6011 | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) | | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| D5174 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-----------------------|---------------|--------------|-------------------------|
| D6020 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6054 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6021 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6055 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6022 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6056 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6023 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6061 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6024 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6062 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6025 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6063 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6026 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6064 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6027 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6065 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6028 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6066 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 3303 | ZENER DIODE DZD20Y-TA |
| D6029 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6081 | 407 071 3402 | ZENER DIODE DZD20Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 190 2904 | ZD 02CZ20Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 198 8700 | ZD 02CZ20Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| D6031 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6082 | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| D6041 | 407 198 8700 | ZD 02CZ20Z (TE85R) | D6083 | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| D6042 | 407 198 8700 | ZD 02CZ20Z (TE85R) | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| D6043 | 407 198 8700 | ZD 02CZ20Z (TE85R) | MISCELLANEOUS | | |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | K1011 | 645 030 1919 | JACK, RCA-2 |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | K1011A | 610 260 2203 | SHIELD PLATE-E-M6DA |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | K1012 | 645 030 1919 | JACK, RCA-2 |
| D6044 | 407 198 8700 | ZD 02CZ20Z (TE85R) | K1012A | 610 260 2203 | SHIELD PLATE-E-M6DA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | K1013 | 645 030 1919 | JACK, RCA-2 |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | K1013A | 610 260 2203 | SHIELD PLATE-E-M6DA |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | K1014 | 645 021 1355 | SOCKET, DIN 12P |
| D6051 | 407 198 8700 | ZD 02CZ20Z (TE85R) | K1014A | 610 266 0692 | EARTH BRKT CP-M6FA |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | K1015 | 645 021 1355 | SOCKET, DIN 12P |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | K1015A | 610 266 0692 | EARTH BRKT CP-M6FA |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | K1016 | 645 027 8778 | PLUG, D-SUB 9P |
| D6052 | 407 198 8700 | ZD 02CZ20Z (TE85R) | K1017 | 645 028 0382 | SOCKET, USB 4P |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | K1018 | 645 028 0382 | SOCKET, USB 4P |
| | 407 071 3402 | ZENER DIODE DZD20Z-TA | K1019 | 645 000 2571 | JACK, PHONE D8. 0 |
| | 407 190 2904 | ZD 02CZ20Y (TE85R) | K1019A | 610 266 0715 | EARTH BRKT MIC-M6FA |
| D6053 | 407 198 8700 | ZD 02CZ20Z (TE85R) | | | |
| | 407 071 3303 | ZENER DIODE DZD20Y-TA | | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|--------------------|---------------|------------------------|----------|--------------|------------------------|
| K28G-1 | 610 012 5926 | TERMINAL | C3023 | 403 175 3300 | ELECT 47U M 16V |
| K28P | 645 008 3365 | PLUG, 12P | C3025 | 403 175 3300 | ELECT 47U M 16V |
| K28Q | 645 008 3365 | PLUG, 12P | C3031 | 403 266 8207 | NP-ELECT 10U M 16V |
| X2801 | 645 021 1218 | OSC, CERAMIC 8. 00MHZ | C3041 | 403 280 1604 | ELECT 220U M 16V |
| X2802 | 645 021 1218 | OSC, CERAMIC 8. 00MHZ | C3046 | 403 266 8207 | NP-ELECT 10U M 16V |
| X2851 | 645 021 1218 | OSC, CERAMIC 8. 00MHZ | C3048 | 403 162 4709 | ELECT 10U M 16V |
| X2852 | 645 021 1218 | OSC, CERAMIC 8. 00MHZ | C3049 | 403 192 5905 | CERAMIC 0. 1U K 25V |
| X2871 | 645 024 8566 | OSC, CERAMIC 6. 00MHZ | C3051 | 403 280 1604 | ELECT 220U M 16V |
| | 610 272 1331 | ASSY, PWB, AVJACK-MGMA | C3056 | 403 266 8207 | NP-ELECT 10U M 16V |
| | 1AA0B10C1610D | | C3061 | 403 280 1604 | ELECT 220U M 16V |
| TRANSISTOR | | | C3064TM | 403 008 7406 | CERAMIC 10P D 50V |
| Q3011 | 405 014 4509 | TR 2SC2412K T146 R | C3066 | 403 266 8207 | NP-ELECT 10U M 16V |
| | 405 014 4608 | TR 2SC2412K T146 S | C3071 | 403 280 1604 | ELECT 220U M 16V |
| | 405 015 8704 | TR 2SC2812-L6-TB | C3073 | 403 314 5905 | CERAMIC 0. 47U K 16V |
| | 405 015 8902 | TR 2SC2812-L7-TB | C3076 | 403 266 8207 | NP-ELECT 10U M 16V |
| Q3012 | 405 014 4509 | TR 2SC2412K T146 R | C3086 | 403 266 8207 | NP-ELECT 10U M 16V |
| | 405 014 4608 | TR 2SC2412K T146 S | C5001 | 403 205 7803 | TA-SOLID 2. 2U M 16V |
| | 405 015 8704 | TR 2SC2812-L6-TB | C5002 | 403 205 7803 | TA-SOLID 2. 2U M 16V |
| | 405 015 8902 | TR 2SC2812-L7-TB | C5003 | 403 205 7803 | TA-SOLID 2. 2U M 16V |
| Q3031 | 405 014 4509 | TR 2SC2412K T146 R | C5004 | 403 205 7803 | TA-SOLID 2. 2U M 16V |
| | 405 014 4608 | TR 2SC2412K T146 S | C5006 | 403 162 6604 | ELECT 2. 2U M 50V |
| | 405 015 8704 | TR 2SC2812-L6-TB | C5012 | 403 229 3508 | ELECT 100U M 16V |
| | 405 015 8902 | TR 2SC2812-L7-TB | C5013 | 403 314 5905 | CERAMIC 0. 47U K 16V |
| Q3091 | 405 035 1105 | TR FMW1-T98 | C5014 | 403 314 5905 | CERAMIC 0. 47U K 16V |
| Q3092 | 405 035 1105 | TR FMW1-T98 | | | |
| Q3093 | 405 014 4509 | TR 2SC2412K T146 R | RESISTOR | | |
| | 405 014 4608 | TR 2SC2412K T146 S | RB5001 | 645 025 5397 | R-NETWORK 100KX4 1/16W |
| | 405 015 8704 | TR 2SC2812-L6-TB | | 645 026 8021 | R-NETWORK 100KX4 1/16W |
| | 405 015 8902 | TR 2SC2812-L7-TB | R1001 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| Q5056 | 405 014 4509 | TR 2SC2412K T146 R | R1002 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 014 4608 | TR 2SC2412K T146 S | R1003 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 015 8704 | TR 2SC2812-L6-TB | R1004 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 015 8902 | TR 2SC2812-L7-TB | R1005 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| Q5057 | 405 014 4509 | TR 2SC2412K T146 R | R1006 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 014 4608 | TR 2SC2412K T146 S | R1011 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 015 8704 | TR 2SC2812-L6-TB | R1012 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 015 8902 | TR 2SC2812-L7-TB | R1013 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| Q5058 | 405 014 4509 | TR 2SC2412K T146 R | R1014 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 014 4608 | TR 2SC2412K T146 S | R1015 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | 405 015 8704 | TR 2SC2812-L6-TB | R1021 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 405 015 8902 | TR 2SC2812-L7-TB | R1022 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| INTEGRATED CIRCUIT | | | R1023 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| IC3001 | 409 222 5709 | IC MC14052BF | R1024 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 409 051 2702 | IC TC4052BF-TP1 | R1025 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| IC3021 | 409 211 7301 | IC MC14053BFL | R1026 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| | 409 051 2900 | IC TC4053BF-TP1 | R1031 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| IC3041 | 409 346 0703 | IC MC14577CFL1 | R1032 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| IC3061 | 409 346 0703 | IC MC14577CFL1 | R1033 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| IC3081 | 409 346 0703 | IC MC14577CFL1 | R1034 | 401 147 7806 | MT-GLAZE 180 FA 1/10W |
| IC5001 | 409 211 7301 | IC MC14053BFL | R1035 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| | 409 051 2900 | IC TC4053BF-TP1 | R1051 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| CAPACITOR | | | R1053 | 401 038 9506 | MT-GLAZE 75 JA 1/10W |
| C1013 | 403 069 9500 | CERAMIC 0. 01U Z 50V | R1054 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| C1033 | 403 069 9500 | CERAMIC 0. 01U Z 50V | R1056 | 401 038 9506 | MT-GLAZE 75 JA 1/10W |
| C1063 | 403 069 9500 | CERAMIC 0. 01U Z 50V | R1057 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| C3001 | 403 175 3300 | ELECT 47U M 16V | R1059 | 401 038 9506 | MT-GLAZE 75 JA 1/10W |
| C3002 | 403 175 3300 | ELECT 47U M 16V | R1061 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| C3003 | 403 175 3300 | ELECT 47U M 16V | R1062 | 401 038 9506 | MT-GLAZE 75 JA 1/10W |
| C3004 | 403 175 3300 | ELECT 47U M 16V | R1063 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| C3005 | 403 175 3300 | ELECT 47U M 16V | R1064 | 401 038 9506 | MT-GLAZE 75 JA 1/10W |
| C3006 | 403 314 5905 | CERAMIC 0. 47U K 16V | R1065 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| C3007 | 403 175 3300 | ELECT 47U M 16V | R3001 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C3008 | 403 314 5905 | CERAMIC 0. 47U K 16V | R3002 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C3016 | 403 175 3300 | ELECT 47U M 16V | R3003 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C3017 | 403 192 5905 | CERAMIC 0. 1U K 25V | R3004 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| C3018 | 403 192 5905 | CERAMIC 0. 1U K 25V | R3005 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| | | | R3006 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| | | | R3007 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |

[Electrical Parts List]

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|-------------------------|
| R3008 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R5063 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R3010 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R5064 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R3011 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | R5071 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R3012 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | R5072 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R3013 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | R5073 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R3014 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | R5074 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R3015 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R5081 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R3016 | 401 092 2208 | MT-GLAZE 10K FA 1/10W | R5082 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R3017 | 403 323 8805 | CERAMIC 2.2U Z 16V | R5083 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| | 403 255 7907 | CERAMIC 2.2U Z 16V | R5084 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R3017TM | 401 027 8503 | CARBON 8.2K GA 1/6W | | | |
| R3018 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | COIL | | |
| R3019 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L1001 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3021 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | L1002 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3022 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | L1003 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3023 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | L1004 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3024 | 401 037 5707 | MT-GLAZE 100K JA 1/10W | L1005 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3025 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1006 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3026 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1011 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3027 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1012 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3028 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L1013 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3029 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | L1014 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3031 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | L1015 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3032 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | L1021 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3036 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1022 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3037 | 403 323 8805 | CERAMIC 2.2U Z 16V | L1023 | 645 008 4904 | INDUCTOR, 5.6U K |
| | 403 255 7907 | CERAMIC 2.2U Z 16V | L1024 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3037TM | 401 024 7400 | CARBON 10K JA 1/6W | L1025 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3044 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1026 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3045 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1031 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3046 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | L1032 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3047 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1033 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3054 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1034 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3055 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1035 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3056 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | L1051 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3057 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1052 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3064 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1053 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3065 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1054 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3066 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | L1055 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3067 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1056 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3074 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1061 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3075 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1062 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3076 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | L1063 | 645 008 4904 | INDUCTOR, 5.6U K |
| R3077 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L1064 | 645 002 3910 | FILTER, EMI 100MHZ |
| R3084 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L1065 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3085 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | L5061 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3086 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | L5062 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3087 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L5071 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3091 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L5072 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3092 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | L5081 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3093 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | L5082 | 645 014 2659 | FILTER, EMI 10MHZ |
| R3094 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | | | |
| R3095 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | DIODE | | |
| R3097 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | D1001 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R3098 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R3099 | 401 038 5300 | MT-GLAZE 39K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| R5006 | 401 038 3603 | MT-GLAZE 3.3K JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| R5007 | 401 038 3603 | MT-GLAZE 3.3K JA 1/10W | D1002 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R5009 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R5013 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| R5014 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| R5015 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | D1003 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R5016 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R5017 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| R5019 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| R5056 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | D1004 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |
| R5057 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | | 407 071 7400 | ZENER DIODE DZD6. 2Z-TA |
| R5058 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | | 407 175 3803 | ZD 02CZ6. 2Y (TE85R) |
| R5061 | 401 038 6604 | MT-GLAZE 470K JA 1/10W | | 407 175 3902 | ZD 02CZ6. 2Z (TE85R) |
| R5062 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | D1005 | 407 071 7301 | ZENER DIODE DZD6. 2Y-TA |

【 Electrical Parts List 】

[illegible]

[Electrical Parts List]

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-----------------------|---------------|--------------|------------------------|
| D5062 | 407 175 2905 | ZD 02CZ12Z(Te85R) | MISCELLANEOUS | | |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | K10G-1 | 610 012 5926 | TERMINAL |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | K10G-4 | 645 004 5387 | FIXER CABLE TIES, L100 |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | K10SA | 645 006 0946 | PLUG, 7P |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | K10TA | 645 006 0939 | PLUG, 6P |
| D5063 | 407 175 2806 | ZD 02CZ12Y(Te85R) | K10UA | 645 006 0977 | PLUG, 10P |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | K1001 | 645 028 0405 | SOCKET, BNC 3P |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | K1002 | 610 010 8295 | SOCKET, DIN 4P |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | K1002A | 610 266 0708 | EARTH BRKT ST-M6FA |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | K1003 | 645 030 1919 | JACK, RCA-2 |
| D5064 | 407 199 6200 | ZD 02CZ12X(Te85R) | K1003A | 610 260 2203 | SHIELD PLATE-E-M6DA |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | K1004 | 645 028 0405 | SOCKET, BNC 3P |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | K1005 | 610 010 8295 | SOCKET, DIN 4P |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | K1005A | 610 266 0708 | EARTH BRKT ST-M6FA |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | K1006 | 645 030 1919 | JACK, RCA-2 |
| D5071 | 407 071 0203 | ZENER DIODE DZD12Z-TA | K1006A | 610 260 2203 | SHIELD PLATE-E-M6DA |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | K1007 | 645 028 0405 | SOCKET, BNC 3P |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | K1008 | 610 010 8295 | SOCKET, DIN 4P |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | K1008A | 610 266 0708 | EARTH BRKT ST-M6FA |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | K1009 | 645 030 1919 | JACK, RCA-2 |
| D5072 | 407 071 0104 | ZENER DIODE DZD12Y-TA | K1009A | 610 260 2203 | SHIELD PLATE-E-M6DA |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | | | |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | | | |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | | | |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | | | |
| D5073 | 407 071 0005 | ZENER DIODE DZD12X-TA | | | |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | | | |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | | | |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | | | |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | | | |
| D5074 | 407 175 2905 | ZD 02CZ12Z(Te85R) | | | |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | | | |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | | | |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | | | |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | | | |
| D5081 | 407 175 2806 | ZD 02CZ12Y(Te85R) | | | |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | | | |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | | | |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | | | |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | | | |
| D5082 | 407 199 6200 | ZD 02CZ12X(Te85R) | | | |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | | | |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | | | |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | | | |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | | | |
| D5083 | 407 071 0203 | ZENER DIODE DZD12Z-TA | | | |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | | | |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | | | |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | | | |
| | 407 071 0005 | ZENER DIODE DZD12X-TA | | | |
| D5084 | 407 071 0104 | ZENER DIODE DZD12Y-TA | | | |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | | | |
| | 407 199 6200 | ZD 02CZ12X(Te85R) | | | |
| | 407 175 2806 | ZD 02CZ12Y(Te85R) | | | |
| | 407 175 2905 | ZD 02CZ12Z(Te85R) | | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|--|--------------|------------------------|-----------|--------------|------------------------|
| 610 273 5987 ASSY, PWB, MAIN P6MA 1AA0B10C1750A | | | | | |
| TRANSISTOR | | | | | |
| Q1201 | 405 014 4509 | TR 2SC2412K T146 R | IC231 | 409 142 2000 | IC LA6358NM-TP-T1 |
| Q1451 | 405 014 4509 | TR 2SC2412K T146 R | IC2501 | 409 343 0201 | IC LT1206CS8 |
| Q1871 | 405 014 4509 | TR 2SC2412K T146 R | IC2511 | 409 419 3709 | IC MC10H351ML1 |
| Q221 | 405 014 4509 | TR 2SC2412K T146 R | IC301 | 409 400 8102 | IC LC26038A-LB4 |
| Q2210 | 405 014 4509 | TR 2SC2412K T146 R | IC3301 | 409 407 3100 | IC LC21050B-LE4 |
| Q231 | 405 047 4606 | TR 2SC3650-TD | IC331 | 409 400 8102 | IC LC26038A-LB4 |
| Q232 | 405 002 8304 | TR 2SA1203-Y-TE12R | IC3331 | 409 422 5509 | IC MC74AC244DT |
| Q451 | 405 014 4509 | TR 2SC2412K T146 R | | 409 418 2208 | IC TC74AC244FT(EL) |
| Q841 | 405 014 4509 | TR 2SC2412K T146 R | IC3341 | 409 422 5509 | IC MC74AC244DT |
| Q858 | 405 014 4509 | TR 2SC2412K T146 R | | 409 418 2208 | IC TC74AC244FT(EL) |
| Q859 | 405 014 4509 | TR 2SC2412K T146 R | IC3351 | 410 308 2000 | IC UPD65943GJ-011-JEU |
| Q861 | 405 014 4509 | TR 2SC2412K T146 R | IC3352 | 409 422 8401 | IC LM3940IMP-3.3 |
| Q862 | 405 014 4509 | TR 2SC2412K T146 R | IC3353 | 409 344 1900 | IC MN1382-Q-TX |
| Q882 | 405 014 4509 | TR 2SC2412K T146 R | IC3354 | 410 311 5708 | IC MC74HCT244ADT |
| Q883 | 405 002 0308 | TR 2SA1037K T146 R | | 410 315 5506 | IC HD74HCT244TV |
| INTEGRATED CIRCUIT | | | IC3355 | 409 372 2702 | IC TC7WH74FU-(TE12L) |
| IC1201 | 409 404 2106 | IC ICS1522M-ER | IC351 | 409 400 8102 | IC LC26038A-LB4 |
| IC1202 | 409 380 8109 | IC HD74HC00T-EL | IC401 | 409 419 2603 | IC CXA2111R |
| | 409 422 5608 | IC MC74HC00ADT | IC451 | 409 241 9405 | IC L88MS05T-TL |
| IC1203 | 409 318 0106 | IC DS1020S-025 | IC481 | 409 428 7200 | IC HD74AC04T |
| IC1251 | 410 295 8603 | IC EPM7032LC44-7 | | 409 422 5400 | IC MC74AC04DT |
| IC1401 | 409 326 3007 | IC M62358FP | | 409 423 7205 | IC TC74AC04FT |
| IC1451 | 409 241 9405 | IC L88MS05T-TL | IC501 | 409 419 2702 | IC CXA2112R |
| IC1501 | 409 419 2702 | IC CXA2112R | IC531 | 409 419 2702 | IC CXA2112R |
| IC1531 | 409 419 2702 | IC CXA2112R | IC561 | 409 419 2702 | IC CXA2112R |
| IC1561 | 409 419 2702 | IC CXA2112R | IC801 | 410 309 9602 | IC HD64F7045F28-B217 |
| IC1801 | 410 316 4409 | IC M37532M4-XXXFP-B271 | IC802 | 410 309 9404 | IC MBM29F800B-12P-B215 |
| | 410 316 4508 | IC M37532E8FP-B271A | | 410 320 6000 | IC MBM29F800B-90P-B297 |
| IC1811 | 410 316 4409 | IC M37532M4-XXXFP-B271 | IC803 | 410 311 3100 | IC MC74HC245ADT |
| | 410 316 4508 | IC M37532E8FP-B271A | | 410 311 3308 | IC TC74HC245AFT |
| IC1812 | 409 344 1900 | IC MN1382-Q-TX | | 410 312 2508 | IC HD74HC245T-EL |
| IC204 | 409 403 9809 | IC CXA3026AQ | IC804 | 410 311 3100 | IC MC74HC245ADT |
| IC205 | 409 403 9908 | IC LC21011B-LC3 | | 410 311 3308 | IC TC74HC245AFT |
| IC206 | 409 403 9809 | IC CXA3026AQ | | 410 312 2508 | IC HD74HC245T-EL |
| IC207 | 409 403 9908 | IC LC21011B-LC3 | IC805 | 409 368 5809 | IC TC7SH08FU(TE85L) |
| IC208 | 409 403 9809 | IC CXA3026AQ | IC806 | 409 339 3605 | IC 24LC16BT/SN-T |
| IC209 | 409 403 9908 | IC LC21011B-LC3 | IC807 | 409 344 1900 | IC MN1382-Q-TX |
| IC2201 | 409 404 3202 | IC LC21050B-LB3 | CAPACITOR | | |
| IC2202 | 409 422 5509 | IC MC74AC244DT | C1201 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 409 418 2208 | IC TC74AC244FT(EL) | C1202 | 403 024 7107 | CERAMIC 390P J 50V |
| IC2203 | 409 428 7309 | IC HD74HC244TV | C1203 | 403 072 1607 | CERAMIC 0.022U K 50V |
| | 410 311 3001 | IC MC74HC244ADT | C1204 | 403 175 4109 | ELECT 22U M 16V |
| IC2204 | 409 428 7309 | IC HD74HC244TV | C1205 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | 410 311 3001 | IC MC74HC244ADT | C1206 | 403 175 4109 | ELECT 22U M 16V |
| IC2205 | 409 422 5509 | IC MC74AC244DT | C1207 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 409 418 2208 | IC TC74AC244FT(EL) | C1208 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| IC2206 | 409 422 5509 | IC MC74AC244DT | C1209 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | 409 418 2208 | IC TC74AC244FT(EL) | C1211 | 403 069 1702 | CERAMIC 1000P K 50V |
| IC2208 | 409 428 7200 | IC HD74AC04T | C1212 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 409 422 5400 | IC MC74AC04DT | C1231 | 403 280 0607 | ELECT 220U M 6.3V |
| | 409 423 7205 | IC TC74AC04FT | | 403 322 7809 | ELECT 220U M 6.3V |
| IC2209 | 409 422 5509 | IC MC74AC244DT | C1232 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 409 418 2208 | IC TC74AC244FT(EL) | C1251 | 403 280 0607 | ELECT 220U M 6.3V |
| IC221 | 409 357 6602 | IC LT1260CS | | 403 322 7809 | ELECT 220U M 6.3V |
| IC2210 | 410 311 5708 | IC MC74HCT244ADT | C1252 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 410 315 5506 | IC HD74HCT244TV | C1253 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| IC2211 | 410 311 3209 | IC 74VHC123AMTC | C1254 | 403 018 7403 | CERAMIC 220P J 50V |
| IC2301 | 410 289 4604 | IC MSM5416283-60GS-KR1 | C1260 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| IC2302 | 410 289 4604 | IC MSM5416283-60GS-KR1 | C1401 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| IC2303 | 410 289 4604 | IC MSM5416283-60GS-KR1 | C1402 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| IC2304 | 410 289 4604 | IC MSM5416283-60GS-KR1 | C1403 | 403 229 3508 | ELECT 100U M 16V |
| IC2305 | 410 289 4604 | IC MSM5416283-60GS-KR1 | | | |
| IC2306 | 410 289 4604 | IC MSM5416283-60GS-KR1 | | | |

Electrical Parts List

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|---------------------|
| C1451 | 403 280 0607 | ELECT 220U M 6.3V | C2273 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C2274 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1452 | 403 280 0607 | ELECT 220U M 6.3V | C2281 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C2282 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1453 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2283 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1501 | 403 229 3508 | ELECT 100U M 16V | C230 | 403 022 8205 | CERAMIC 33P J 50V |
| C1502 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2301 | 403 280 0607 | ELECT 220U M 6.3V |
| C1503 | 403 229 3508 | ELECT 100U M 16V | | 403 322 7809 | ELECT 220U M 6.3V |
| C1504 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2302 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1531 | 403 229 3508 | ELECT 100U M 16V | C2303 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1532 | 403 070 2606 | CERAMIC 0.1U Z 50V | C231 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1533 | 403 229 3508 | ELECT 100U M 16V | C2311 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1534 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2312 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1551TM | 403 067 5603 | MT-COMPO 0.1U J 50V | C232 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1561 | 403 229 3508 | ELECT 100U M 16V | C2321 | 403 280 0607 | ELECT 220U M 6.3V |
| C1562 | 403 070 2606 | CERAMIC 0.1U Z 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C1563 | 403 229 3508 | ELECT 100U M 16V | C2322 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1564 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2323 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1801 | 403 175 3904 | ELECT 10U M 25V | C233 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1805 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2331 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1806 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2332 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1807 | 403 070 2606 | CERAMIC 0.1U Z 50V | C234 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1808 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2341 | 403 280 0607 | ELECT 220U M 6.3V |
| C1809 | 403 070 2606 | CERAMIC 0.1U Z 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C1811 | 403 175 3904 | ELECT 10U M 25V | C2342 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1814 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2343 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1815 | 403 316 5408 | CERAMIC 1U K 10V | C235 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1816 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2351 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1817 | 403 280 0607 | ELECT 220U M 6.3V | C2352 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C236 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C1871 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2363 | 403 020 0409 | CERAMIC 27P J 50V |
| C201 | 403 280 0607 | ELECT 220U M 6.3V | C2364 | 403 020 0409 | CERAMIC 27P J 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C238 | 403 022 8205 | CERAMIC 33P J 50V |
| C202 | 403 070 2606 | CERAMIC 0.1U Z 50V | C240 | 403 014 3409 | CERAMIC 18P J 50V |
| C203 | 403 280 0607 | ELECT 220U M 6.3V | C241 | 403 208 1402 | TA-SOLID 1U M 25V |
| | 403 322 7809 | ELECT 220U M 6.3V | C242 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C204 | 403 070 2606 | CERAMIC 0.1U Z 50V | C243 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C205 | 403 267 0804 | NP-ELECT 47U M 6.3V | C244 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C206 | 403 267 0804 | NP-ELECT 47U M 6.3V | C245 | 403 175 3904 | ELECT 10U M 25V |
| C207 | 403 267 0804 | NP-ELECT 47U M 6.3V | C246 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2201 | 403 070 2606 | CERAMIC 0.1U Z 50V | C247 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2203 | 403 316 5408 | CERAMIC 1U K 10V | C248 | 403 208 1402 | TA-SOLID 1U M 25V |
| C2205 | 403 070 2606 | CERAMIC 0.1U Z 50V | C249 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2207 | 403 069 1702 | CERAMIC 1000P K 50V | C250 | 403 022 8205 | CERAMIC 33P J 50V |
| C2208 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2501 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2209 | 403 069 1702 | CERAMIC 1000P K 50V | C2502 | 403 229 3508 | ELECT 100U M 16V |
| C221 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2503 | 403 069 5601 | CERAMIC 0.01U K 50V |
| C2210 | 403 070 2606 | CERAMIC 0.1U Z 50V | C251 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2211 | 403 280 0607 | ELECT 220U M 6.3V | C2511 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C2512 | 403 280 0607 | ELECT 220U M 6.3V |
| C2212 | 403 070 2606 | CERAMIC 0.1U Z 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C222 | 403 280 0607 | ELECT 220U M 6.3V | C252 | 403 175 3904 | ELECT 10U M 25V |
| | 403 322 7809 | ELECT 220U M 6.3V | C253 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C223 | 403 070 2606 | CERAMIC 0.1U Z 50V | C255 | 403 175 3904 | ELECT 10U M 25V |
| C224 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2550 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C225 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2551 | 403 229 3508 | ELECT 100U M 16V |
| C2251 | 403 022 8205 | CERAMIC 33P J 50V | C2552 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2252 | 403 022 8205 | CERAMIC 33P J 50V | C2553 | 403 229 3508 | ELECT 100U M 16V |
| C2253 | 403 229 3508 | ELECT 100U M 16V | C2554 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2254 | 403 069 9500 | CERAMIC 0.01U Z 50V | C2555 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2255 | 403 069 9500 | CERAMIC 0.01U Z 50V | C2556 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2256 | 403 069 9500 | CERAMIC 0.01U Z 50V | C2558 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C226 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2559 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2261 | 403 070 2606 | CERAMIC 0.1U Z 50V | C256 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2262 | 403 316 5408 | CERAMIC 1U K 10V | C2560 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2263 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | C2561 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C227 | 403 229 3508 | ELECT 100U M 16V | C2562 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2271 | 403 280 0607 | ELECT 220U M 6.3V | C257 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C2570 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C2272 | 403 070 2606 | CERAMIC 0.1U Z 50V | C2571 | 403 175 4109 | ELECT 22U M 16V |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|---------------------|----------|--------------|---------------------|
| C2572 | 403 175 4109 | ELECT 22U M 16V | C353 | 403 280 0607 | ELECT 220U M 6.3V |
| C2573 | 403 175 4109 | ELECT 22U M 16V | | 403 322 7809 | ELECT 220U M 6.3V |
| C258 | 403 022 8205 | CERAMIC 33P J 50V | C401 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C259 | 403 022 8205 | CERAMIC 33P J 50V | C402 | 403 316 5408 | CERAMIC 1U K 10V |
| C260 | 403 022 8205 | CERAMIC 33P J 50V | C403 | 403 316 5408 | CERAMIC 1U K 10V |
| C261 | 403 208 1402 | TA-SOLID 1U M 25V | C404 | 403 316 5408 | CERAMIC 1U K 10V |
| C262 | 403 070 2606 | CERAMIC 0.1U Z 50V | C405 | 403 316 5408 | CERAMIC 1U K 10V |
| C263 | 403 070 2606 | CERAMIC 0.1U Z 50V | C406 | 403 316 5408 | CERAMIC 1U K 10V |
| C264 | 403 070 2606 | CERAMIC 0.1U Z 50V | C407 | 403 316 5408 | CERAMIC 1U K 10V |
| C265 | 403 175 3904 | ELECT 10U M 25V | C408 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C266 | 403 070 2606 | CERAMIC 0.1U Z 50V | C409 | 403 280 0607 | ELECT 220U M 6.3V |
| C267 | 403 070 2606 | CERAMIC 0.1U Z 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C268 | 403 208 1402 | TA-SOLID 1U M 25V | C411 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C269 | 403 070 2606 | CERAMIC 0.1U Z 50V | C412 | 403 280 0607 | ELECT 220U M 6.3V |
| C270 | 403 014 3409 | CERAMIC 18P J 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C271 | 403 070 2606 | CERAMIC 0.1U Z 50V | C413 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C272 | 403 175 3904 | ELECT 10U M 25V | C414 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C273 | 403 070 2606 | CERAMIC 0.1U Z 50V | C415 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C275 | 403 175 3904 | ELECT 10U M 25V | C416 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C276 | 403 070 2606 | CERAMIC 0.1U Z 50V | C421 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C277 | 403 070 2606 | CERAMIC 0.1U Z 50V | C422 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C278 | 403 022 8205 | CERAMIC 33P J 50V | C423 | 403 192 5905 | CERAMIC 0.1U K 25V |
| C279 | 403 022 8205 | CERAMIC 33P J 50V | C451 | 403 280 0607 | ELECT 220U M 6.3V |
| C280 | 403 022 8205 | CERAMIC 33P J 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C281 | 403 208 1402 | TA-SOLID 1U M 25V | C452 | 403 280 0607 | ELECT 220U M 6.3V |
| C282 | 403 070 2606 | CERAMIC 0.1U Z 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C283 | 403 070 2606 | CERAMIC 0.1U Z 50V | C481 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C284 | 403 070 2606 | CERAMIC 0.1U Z 50V | C500 | 403 280 0607 | ELECT 220U M 6.3V |
| C285 | 403 175 3904 | ELECT 10U M 25V | | 403 322 7809 | ELECT 220U M 6.3V |
| C286 | 403 070 2606 | CERAMIC 0.1U Z 50V | C501 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C287 | 403 070 2606 | CERAMIC 0.1U Z 50V | C502 | 403 229 3508 | ELECT 100U M 16V |
| C288 | 403 208 1402 | TA-SOLID 1U M 25V | C503 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C289 | 403 070 2606 | CERAMIC 0.1U Z 50V | C504 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C290 | 403 014 3409 | CERAMIC 18P J 50V | C506 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C291 | 403 070 2606 | CERAMIC 0.1U Z 50V | C507 | 403 175 4109 | ELECT 22U M 16V |
| C292 | 403 175 3904 | ELECT 10U M 25V | C508 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C293 | 403 070 2606 | CERAMIC 0.1U Z 50V | C509 | 403 020 0409 | CERAMIC 27P J 50V |
| C295 | 403 175 3904 | ELECT 10U M 25V | C510 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C296 | 403 070 2606 | CERAMIC 0.1U Z 50V | C530 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C297 | 403 070 2606 | CERAMIC 0.1U Z 50V | C531 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C298 | 403 022 8205 | CERAMIC 33P J 50V | C532 | 403 229 3508 | ELECT 100U M 16V |
| C299 | 403 022 8205 | CERAMIC 33P J 50V | C533 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C300 | 403 022 8205 | CERAMIC 33P J 50V | C534 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C301 | 403 070 2606 | CERAMIC 0.1U Z 50V | C536 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C302 | 403 070 2606 | CERAMIC 0.1U Z 50V | C537 | 403 175 4109 | ELECT 22U M 16V |
| C303 | 403 280 0607 | ELECT 220U M 6.3V | C538 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C539 | 403 020 0409 | CERAMIC 27P J 50V |
| C3301 | 403 280 0607 | ELECT 220U M 6.3V | C551TM | 403 067 5603 | MT-COMPO 0.1U J 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C560 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C3302 | 403 069 9500 | CERAMIC 0.01U Z 50V | C561 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C3303 | 403 070 2606 | CERAMIC 0.1U Z 50V | C563 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C3304 | 403 070 2606 | CERAMIC 0.1U Z 50V | C564 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| C3305 | 403 070 2606 | CERAMIC 0.1U Z 50V | C565 | 403 229 3508 | ELECT 100U M 16V |
| C331 | 403 070 2606 | CERAMIC 0.1U Z 50V | C566 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C332 | 403 070 2606 | CERAMIC 0.1U Z 50V | C567 | 403 175 4109 | ELECT 22U M 16V |
| C333 | 403 280 0607 | ELECT 220U M 6.3V | C568 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C569 | 403 020 0409 | CERAMIC 27P J 50V |
| C3331 | 403 070 2606 | CERAMIC 0.1U Z 50V | C801 | 403 280 0607 | ELECT 220U M 6.3V |
| C3341 | 403 070 2606 | CERAMIC 0.1U Z 50V | | 403 322 7809 | ELECT 220U M 6.3V |
| C3351 | 403 280 0607 | ELECT 220U M 6.3V | C802 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | 403 322 7809 | ELECT 220U M 6.3V | C803 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C3352 | 403 070 2606 | CERAMIC 0.1U Z 50V | C804 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C3353 | 403 070 2606 | CERAMIC 0.1U Z 50V | C805 | 403 316 5408 | CERAMIC 1U K 10V |
| C3354 | 403 316 5408 | CERAMIC 1U K 10V | C806 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C3355 | 403 070 2606 | CERAMIC 0.1U Z 50V | C809 | 403 175 3904 | ELECT 10U M 25V |
| C3356 | 403 070 2606 | CERAMIC 0.1U Z 50V | C811 | 403 022 8205 | CERAMIC 33P J 50V |
| C3357 | 403 070 2606 | CERAMIC 0.1U Z 50V | C812 | 403 022 8205 | CERAMIC 33P J 50V |
| C350 | 403 022 8205 | CERAMIC 33P J 50V | C813 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| C351 | 403 070 2606 | CERAMIC 0.1U Z 50V | C814 | 403 280 0607 | ELECT 220U M 6.3V |
| C352 | 403 070 2606 | CERAMIC 0.1U Z 50V | | 403 322 7809 | ELECT 220U M 6.3V |

[Electrical Parts List]

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-----------------------|----------|--------------|-------------------------|
| C815 | 403 070 2606 | CERAMIC 0.1U Z 50V | RB533 | 645 028 5998 | R-NETWORK 10X4 1/16W |
| C816 | 403 070 2606 | CERAMIC 0.1U Z 50V | RB561 | 645 028 5998 | R-NETWORK 10X4 1/16W |
| C817 | 403 070 2606 | CERAMIC 0.1U Z 50V | RB562 | 645 028 5998 | R-NETWORK 10X4 1/16W |
| C821 | 403 280 0607 | ELECT 220U M 6.3V | RB563 | 645 028 5998 | R-NETWORK 10X4 1/16W |
| | 403 322 7809 | ELECT 220U M 6.3V | RB801 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| C822 | 403 070 2606 | CERAMIC 0.1U Z 50V | RB802 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| C831 | 403 070 2606 | CERAMIC 0.1U Z 50V | RB803 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| C832 | 403 280 0607 | ELECT 220U M 6.3V | RB804 | 645 028 3215 | R-NETWORK 100X4 1/16W |
| | 403 322 7809 | ELECT 220U M 6.3V | RB805 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| C833 | 403 070 2606 | CERAMIC 0.1U Z 50V | RB806 | 645 028 3215 | R-NETWORK 100X4 1/16W |
| C834 | 403 192 5905 | CERAMIC 0.1U K 25V | RB807 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| C841 | 403 070 2606 | CERAMIC 0.1U Z 50V | RB808 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| C860TM | 403 167 6500 | ELECT 33U M 6.3V | RB809 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| RESISTOR | | | RB811 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| RB1202 | 645 028 3215 | R-NETWORK 100X4 1/16W | RB812 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| RB1801 | 645 028 3215 | R-NETWORK 100X4 1/16W | RB813 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| RB1802 | 645 028 3215 | R-NETWORK 100X4 1/16W | RB814 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| RB1803 | 645 028 3215 | R-NETWORK 100X4 1/16W | RB815 | 645 026 8007 | R-NETWORK 1KX4 1/16W |
| RB1804 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1201 | 645 026 1008 | INDUCTOR, 3.3U M |
| RB1805 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1202 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| RB1806 | 645 026 8014 | R-NETWORK 10KX4 1/16W | R1203 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| RB1807 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1211 | 401 038 9308 | MT-GLAZE 68K JA 1/10W |
| RB1808 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1212 | 401 038 7106 | MT-GLAZE 510 JA 1/10W |
| RB1851 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1213 | 401 038 3504 | MT-GLAZE 330 JA 1/10W |
| RB1852 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1214 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| RB1861 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1215 | 401 039 0304 | MT-GLAZE 820 JA 1/10W |
| RB1862 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1216 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| RB1863 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1217 | 401 038 6505 | MT-GLAZE 47K JA 1/10W |
| RB2209 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1218 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| RB2261 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1219 | 401 038 5102 | MT-GLAZE 3.9K JA 1/10W |
| RB2262 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1221 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| RB2271 | 645 026 8007 | R-NETWORK 1KX4 1/16W | R1231 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2272 | 645 026 8007 | R-NETWORK 1KX4 1/16W | R1233 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2301 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1234 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2302 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1235 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2303 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1251 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2304 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1252 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2311 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1253 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2312 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1254 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2313 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1255 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2314 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1256 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2321 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1257 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2322 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1258 | 401 038 1302 | MT-GLAZE 2.4K JA 1/10W |
| RB2323 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1259 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2324 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1261 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2331 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1262 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2332 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1264 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2333 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1265 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| RB2334 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1267 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2341 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1268 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2342 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1269 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2343 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1271 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2344 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1272 | 401 037 6704 | MT-GLAZE 1.2K JA 1/10W |
| RB2351 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1273 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| RB2352 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1274 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB2353 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1401 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| RB2354 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1402 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| RB3351 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1403 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| RB3352 | 645 026 8038 | R-NETWORK 22KX4 1/16W | R1405 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB3353 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1481 | 401 038 3702 | MT-GLAZE 33K JA 1/10W |
| RB3354 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1482 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| RB3355 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1483 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W |
| RB3356 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1501 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB3357 | 645 028 3215 | R-NETWORK 100X4 1/16W | R1502 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| RB501 | 645 028 5998 | R-NETWORK 10X4 1/16W | R1503 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| RB502 | 645 028 5998 | R-NETWORK 10X4 1/16W | R1504 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| RB503 | 645 028 5998 | R-NETWORK 10X4 1/16W | R1505 | 401 038 2200 | MT-GLAZE 27K JA 1/10W |
| RB531 | 645 028 5998 | R-NETWORK 10X4 1/16W | R1506 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| RB532 | 645 028 5998 | R-NETWORK 10X4 1/16W | R1531 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| | | | R1532 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|-------------------------|
| R1533 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2218 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1534 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2219 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1535 | 401 038 2200 | MT-GLAZE 27K JA 1/10W | R2220 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1536 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2221 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1561 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2225 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1562 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R223 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1563 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2230 | 401 037 6704 | MT-GLAZE 1.2K JA 1/10W |
| R1564 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2231 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1565 | 401 038 2200 | MT-GLAZE 27K JA 1/10W | R2232 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1566 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2233 | 401 037 7800 | MT-GLAZE 150 JA 1/10W |
| R1802 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | R2235 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1803 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R2236 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1804 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2238 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1805 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2239 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1806 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R224 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1807 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2240 | 401 038 0701 | MT-GLAZE 2.2K JA 1/10W |
| R1809 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2243 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1811 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W | R2247 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R1814 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2248 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R1815 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R225 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1816 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2251 | 401 037 5806 | MT-GLAZE 1M JA 1/10W |
| R1817 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2252 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R1818 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2253 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1819 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R2254 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1821 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2255 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1822 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2257 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1823 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2258 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1824 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2259 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1825 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R226 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1831 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R2260TM | 401 024 7004 | CARBON 1K JA 1/6W |
| R1841 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2261 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1851 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R2264 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R1852 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R2265 | 401 038 5300 | MT-GLAZE 39K JA 1/10W |
| R1855 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2266 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1856 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R2267 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R1871 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R227 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1872 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | R2271 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1873 | 401 037 6803 | MT-GLAZE 12K JA 1/10W | R2272 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1874 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2276 | 401 037 5103 | MT-GLAZE 10 JA 1/10W |
| R1875 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R228 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R1881 | 645 030 1056 | PROTECTOR, IC 3.8A 72V | R2281 | 401 038 6604 | MT-GLAZE 470K JA 1/10W |
| R1882 | 645 030 1056 | PROTECTOR, IC 3.8A 72V | R2283 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R1883 | 645 030 1056 | PROTECTOR, IC 3.8A 72V | R2284 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R1884 | 645 030 1056 | PROTECTOR, IC 3.8A 72V | R229 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R200 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R230 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R201 | 401 037 9101 | MT-GLAZE 180 JA 1/10W | R231 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R202 | 401 037 9101 | MT-GLAZE 180 JA 1/10W | R232 | 401 038 3405 | MT-GLAZE 33 JA 1/10W |
| R203 | 401 037 9101 | MT-GLAZE 180 JA 1/10W | R233 | 401 038 3405 | MT-GLAZE 33 JA 1/10W |
| R204 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R234 | 401 038 3405 | MT-GLAZE 33 JA 1/10W |
| R205 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R235 | 401 037 6209 | MT-GLAZE 11K JA 1/10W |
| R206 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R236 | 401 038 0107 | MT-GLAZE 2K JA 1/10W |
| R210 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R237 | 401 037 7909 | MT-GLAZE 1.5K JA 1/10W |
| R217 | 401 038 3405 | MT-GLAZE 33 JA 1/10W | R250 | 401 258 4404 | MT-GLAZE 5.6 JA 1/3W |
| R218 | 401 038 3405 | MT-GLAZE 33 JA 1/10W | R2501 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R219 | 401 038 3405 | MT-GLAZE 33 JA 1/10W | R2502 | 401 038 7601 | MT-GLAZE 560 JA 1/10W |
| R220 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2503 | 401 098 7603 | MT-GLAZE 2.2 JA 1/10W |
| R2200 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | R251 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R2203 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2511 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R2204 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2512 | 401 038 9001 | MT-GLAZE 680 JA 1/10W |
| R2205 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R2513 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R2206 | 401 037 7800 | MT-GLAZE 150 JA 1/10W | R2514 | 401 038 9001 | MT-GLAZE 680 JA 1/10W |
| R2209 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | R2515 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R2210 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2516 | 401 038 9001 | MT-GLAZE 680 JA 1/10W |
| R2211 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | R2517 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R2212 | 401 037 5806 | MT-GLAZE 1M JA 1/10W | R2518 | 401 038 9001 | MT-GLAZE 680 JA 1/10W |
| R2213 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2519 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R2214 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R2521 | 401 038 9001 | MT-GLAZE 680 JA 1/10W |
| R2215 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | R2522 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R2216 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R2217 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|----------|--------------|-------------------------|
| R2523 | 401 038 9001 | MT-GLAZE 680 JA 1/10W | R368 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R2551 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | R369 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R2552 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | R435 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R260 | 401 259 1501 | MT-GLAZE 2.2 JA 1/3W | R436 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R270 | 401 258 4404 | MT-GLAZE 5.6 JA 1/3W | R437 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R271 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R438 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R272 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R439 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R273 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R441 | 401 037 5707 | MT-GLAZE 100K JA 1/10W |
| R274 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R442 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R291 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R443 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R301 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R444 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R302 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R445 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R303 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R446 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R304 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R447 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R305 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R448 | 401 037 8104 | MT-GLAZE 150K JA 1/10W |
| R306 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R449 | 401 038 3702 | MT-GLAZE 33K JA 1/10W |
| R307 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R451 | 401 038 7809 | MT-GLAZE 56K JA 1/10W |
| R309 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R454 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R311 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R455 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R312 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R456 | 401 038 6505 | MT-GLAZE 47K JA 1/10W |
| R313 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R457 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R314 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R458 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R3301 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R459 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R3302 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R461 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R3303 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R462 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R3304 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R481 | 401 038 3702 | MT-GLAZE 33K JA 1/10W |
| R3305 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R482 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R3306 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R483 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W |
| R3307 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R485 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3308 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R486 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3309 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R487 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R331 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R500 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R3311 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R501 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3312 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R502 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3314 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R503 | 401 038 2200 | MT-GLAZE 27K JA 1/10W |
| R332 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R504 | 401 037 6803 | MT-GLAZE 12K JA 1/10W |
| R333 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R505 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R334 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R506 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| R335 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R507 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3350 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | R531 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3351 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | R532 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3352 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R533 | 401 038 2200 | MT-GLAZE 27K JA 1/10W |
| R336 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R534 | 401 037 6803 | MT-GLAZE 12K JA 1/10W |
| R3360 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | R535 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R3362 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R536 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| R3363 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R537 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3364 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R560 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R3369 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | R561 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R337 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R562 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3370 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | R563 | 401 038 2200 | MT-GLAZE 27K JA 1/10W |
| R338 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R564 | 401 037 6803 | MT-GLAZE 12K JA 1/10W |
| R3383 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R565 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R339 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R566 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W |
| R3391 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R567 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R3394 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | R801 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R341 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R808 | 401 038 9209 | MT-GLAZE 6.8K JA 1/10W |
| R351 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R810 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R352 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R811 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R353 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R812 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R354 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R813 | 401 038 6307 | MT-GLAZE 470 JA 1/10W |
| R355 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R816 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R356 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R817 | 401 037 5400 | MT-GLAZE 1K JA 1/10W |
| R358 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R818 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| R359 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R820 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R361 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | R822 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R362 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | R823 | 401 037 5608 | MT-GLAZE 10K JA 1/10W |
| R363 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R826 | 401 037 5202 | MT-GLAZE 100 JA 1/10W |
| R364 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | R828 | 401 038 0800 | MT-GLAZE 22K JA 1/10W |
| R365 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | | |
| R366 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | | |

Electrical Parts List

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|-------------------|--------------|-------------------------|---------------|--------------|------------------------|
| R829 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | D810 | 407 092 9506 | DIODE SB07-03C-TB |
| R830 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | D851 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| R834 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| R835 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| R836 | 401 037 5202 | MT-GLAZE 100 JA 1/10W | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| R837 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| R839 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| R841 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | D852 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| R842 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| R852 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| R854 | 401 038 0800 | MT-GLAZE 22K JA 1/10W | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| R869 | 401 038 2101 | MT-GLAZE 2.7K JA 1/10W | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| R870 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| R874 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | D853 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| R875 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| R878 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| R881 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| R887 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| R889 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| R890 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | D854 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| R891 | 401 038 7700 | MT-GLAZE 5.6K JA 1/10W | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| R892 | 401 038 6406 | MT-GLAZE 4.7K JA 1/10W | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| R894 | 401 038 6307 | MT-GLAZE 470 JA 1/10W | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| R895 | 401 037 9200 | MT-GLAZE 1.8K JA 1/10W | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| | | | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| VARIABLE RESISTOR | | | D855 | 407 071 0005 | ZENER DIODE DZD12X-TA |
| VR401 | 645 025 7421 | VR, SEMI, 10K S | | 407 071 0104 | ZENER DIODE DZD12Y-TA |
| VR402 | 645 025 7421 | VR, SEMI, 10K S | | 407 071 0203 | ZENER DIODE DZD12Z-TA |
| VR501 | 645 025 7421 | VR, SEMI, 10K S | | 407 199 6200 | ZD 02CZ12X(TE85R) |
| VR502 | 645 025 7421 | VR, SEMI, 10K S | | 407 175 2806 | ZD 02CZ12Y(TE85R) |
| VR531 | 645 025 7421 | VR, SEMI, 10K S | | 407 175 2905 | ZD 02CZ12Z(TE85R) |
| VR532 | 645 025 7421 | VR, SEMI, 10K S | | | |
| VR561 | 645 025 7421 | VR, SEMI, 10K S | | | |
| VR562 | 645 025 7421 | VR, SEMI, 10K S | | | |
| COIL | | | MISCELLANEOUS | | |
| L1231 | 645 026 1008 | INDUCTOR, 3.3U M | TE1801 | 645 000 0409 | TERMINAL |
| L2251 | 645 026 1008 | INDUCTOR, 3.3U M | TE201 | 645 000 0409 | TERMINAL |
| L2252 | 645 002 5235 | INDUCTOR, 5.6U M | TE2201 | 645 000 0409 | TERMINAL |
| L2253 | 645 002 5235 | INDUCTOR, 5.6U M | TE241 | 645 000 0409 | TERMINAL |
| L2261 | 645 026 1008 | INDUCTOR, 3.3U M | TE2551 | 645 000 0409 | TERMINAL |
| L2301 | 645 026 1008 | INDUCTOR, 3.3U M | TE261 | 645 000 0409 | TERMINAL |
| L2321 | 645 026 1008 | INDUCTOR, 3.3U M | TE281 | 645 000 0409 | TERMINAL |
| L2341 | 645 026 1008 | INDUCTOR, 3.3U M | TE301 | 645 000 0409 | TERMINAL |
| L2551 | 645 026 1008 | INDUCTOR, 3.3U M | TE302 | 645 000 0409 | TERMINAL |
| L2552 | 645 026 1008 | INDUCTOR, 3.3U M | TE451 | 645 000 0409 | TERMINAL |
| | | | TE801 | 645 000 0409 | TERMINAL |
| | | | TE810 | 645 000 0409 | TERMINAL |
| DIODE | | | IC3301A | 610 270 1562 | HEAT SINK SHEET B M6KA |
| D1801 | 407 071 0005 | ZENER DIODE DZD12X-TA | IC3301B | 610 274 6303 | HEAT SINK-M6MA |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | TP1801 | 645 000 0409 | TERMINAL |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | TP201 | 645 000 0409 | TERMINAL |
| | 407 199 6200 | ZD 02CZ12X(TE85R) | TP202 | 645 000 0409 | TERMINAL |
| | 407 175 2806 | ZD 02CZ12Y(TE85R) | TP203 | 645 000 0409 | TERMINAL |
| | 407 175 2905 | ZD 02CZ12Z(TE85R) | TP2214 | 645 000 0409 | TERMINAL |
| D1802 | 407 071 0005 | ZENER DIODE DZD12X-TA | TP2215 | 645 000 0409 | TERMINAL |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | TP241 | 645 000 0409 | TERMINAL |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | TP2501 | 645 000 0409 | TERMINAL |
| | 407 199 6200 | ZD 02CZ12X(TE85R) | TP2502 | 645 000 0409 | TERMINAL |
| | 407 175 2806 | ZD 02CZ12Y(TE85R) | TP2503 | 645 000 0409 | TERMINAL |
| | 407 175 2905 | ZD 02CZ12Z(TE85R) | TP2504 | 645 000 0409 | TERMINAL |
| D1803 | 407 071 0005 | ZENER DIODE DZD12X-TA | TP261 | 645 000 0409 | TERMINAL |
| | 407 071 0104 | ZENER DIODE DZD12Y-TA | TP281 | 645 000 0409 | TERMINAL |
| | 407 071 0203 | ZENER DIODE DZD12Z-TA | TP3301 | 645 000 0409 | TERMINAL |
| | 407 199 6200 | ZD 02CZ12X(TE85R) | TP3302 | 645 000 0409 | TERMINAL |
| | 407 175 2806 | ZD 02CZ12Y(TE85R) | TP401 | 645 000 0409 | TERMINAL |
| | 407 175 2905 | ZD 02CZ12Z(TE85R) | TP402 | 645 000 0409 | TERMINAL |
| D1871 | 407 004 8009 | DIODE DSB015-TB | TP403 | 645 000 0409 | TERMINAL |
| D2201TM | 407 012 4406 | DIODE 1SS133 | TP501 | 645 000 0409 | TERMINAL |
| D2552 | 407 004 8009 | DIODE DSB015-TB | TP531 | 645 000 0409 | TERMINAL |
| D3351 | 407 004 8009 | DIODE DSB015-TB | TP561 | 645 000 0409 | TERMINAL |
| | | | TP810 | 645 000 0409 | TERMINAL |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|---|--------------|-----------------------|----------|--------------|-----------------------|
| TP811 | 645 000 0409 | TERMINAL | C1309TM | 403 069 8305 | CERAMIC 0.01U Z 50V |
| TP812 | 645 000 0409 | TERMINAL | C1310 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| TP813 | 645 000 0409 | TERMINAL | C1311TM | 403 032 7403 | CERAMIC 8P D 50V |
| TP814 | 645 000 0409 | TERMINAL | C1312TM | 403 032 7403 | CERAMIC 8P D 50V |
| K1301 | 645 029 7953 | PLUG, PWB-PWB 50P | C1313TM | 403 032 7403 | CERAMIC 8P D 50V |
| K18A | 645 029 8202 | PLUG, 20P | C2291 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| K2202 | 645 029 8004 | SOCKET, PWB-PWB 60P | C2292 | 403 280 0607 | ELECT 220U M 6.3V |
| K2212 | 645 029 8004 | SOCKET, PWB-PWB 60P | | 403 322 7809 | ELECT 220U M 6.3V |
| K25B | 645 027 9690 | SOCKET, FPC 32P | C2293 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| K25G | 645 027 9690 | SOCKET, FPC 32P | C4201 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| K25R | 645 027 9690 | SOCKET, FPC 32P | C4210 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| K5402 | 645 029 7960 | PLUG, PWB-PWB 80P | C4213 | 403 280 0607 | ELECT 220U M 6.3V |
| K8A | 645 030 6679 | PLUG, 32P | | 403 322 7809 | ELECT 220U M 6.3V |
| K8B | 645 030 6679 | PLUG, 32P | C4231 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| K8C | 645 029 6314 | PULG, 3P | C4240 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| K8D | 645 020 7211 | PLUG, 7P | C4243 | 403 280 0607 | ELECT 220U M 6.3V |
| K8E | 645 029 6314 | PULG, 3P | | 403 322 7809 | ELECT 220U M 6.3V |
| K8F | 645 005 8387 | PLUG, 6P | C4261 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| K8G | 645 010 0772 | PLUG, 8P | C4270 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| K8L | 645 029 6338 | PULG, 5P | C4273 | 403 280 0607 | ELECT 220U M 6.3V |
| WK9AP | 610 014 6549 | SOCKET, 2P | | 403 322 7809 | ELECT 220U M 6.3V |
| WK9AP1 | 610 013 9671 | TERMINAL | C5201 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| WK9AP2 | 610 013 9671 | TERMINAL | C5210 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| X1801 | 645 024 8566 | OSC, CERAMIC 6.00MHZ | C5213 | 403 280 0607 | ELECT 220U M 6.3V |
| X1811 | 645 024 8566 | OSC, CERAMIC 6.00MHZ | | 403 322 7809 | ELECT 220U M 6.3V |
| X2251 | 645 024 7712 | OSC, CRISTAL, 60MHZ | C5231 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| X801 | 645 029 5966 | OSC, CRYSTAL 8.000MHZ | C5240 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5243 | 403 280 0607 | ELECT 220U M 6.3V |
| | | | | 403 322 7809 | ELECT 220U M 6.3V |
| | | | C5261 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5270 | 403 069 9500 | CERAMIC 0.01U Z 50V |
| | | | C5273 | 403 280 0607 | ELECT 220U M 6.3V |
| | | | | 403 322 7809 | ELECT 220U M 6.3V |
| | | | C5401 | 403 280 0607 | ELECT 220U M 6.3V |
| | | | | 403 322 7809 | ELECT 220U M 6.3V |
| | | | C5402 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5404 | 403 280 0607 | ELECT 220U M 6.3V |
| | | | | 403 322 7809 | ELECT 220U M 6.3V |
| | | | C5406 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5421 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5431 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5441 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5451 | 403 280 0607 | ELECT 220U M 6.3V |
| | | | | 403 322 7809 | ELECT 220U M 6.3V |
| | | | C5452 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5453 | 403 069 1702 | CERAMIC 1000P K 50V |
| | | | C5454 | 403 069 1702 | CERAMIC 1000P K 50V |
| | | | C5455 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5456 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5457 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5458 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C5459 | 403 280 0607 | ELECT 220U M 6.3V |
| | | | | 403 322 7809 | ELECT 220U M 6.3V |
| | | | C5461 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | | | |
| | | | RESISTOR | | |
| | | | RB2211 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| | | | RB2212 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| | | | RB2213 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| | | | RB2214 | 645 026 8038 | R-NETWORK 22KX4 1/16W |
| | | | RB5401 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5402 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5403 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5404 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5405 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5406 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5407 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5408 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5409 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | RB5411 | 645 026 8014 | R-NETWORK 10KX4 1/16W |
| | | | | | |
| 610 273 5994 ASSY, PWB, MAIN SUB1 P6MA 1AA0B10C1750B | | | | | |
| TRANSISTOR | | | | | |
| Q1301 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| Q1302 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| Q1303 | 405 014 4509 | TR 2SC2412K T146 R | | | |
| INTEGRATED CIRCUIT | | | | | |
| IC1301 | 410 308 6404 | IC MB40988PF0-G-MSBND | | | |
| IC2207 | 410 291 5101 | IC HM514260CTT-7 | | | |
| | 410 298 0307 | IC MSM514265C-60TS-K | | | |
| IC4208 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC4209 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC4238 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC4239 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC4259 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC4268 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC5208 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC5209 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC5238 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC5239 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC5268 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC5269 | 410 274 9003 | IC MSM518222-30GS | | | |
| IC5401 | 409 407 5401 | IC LC21041B-LJ3 | | | |
| IC5402 | 409 419 1507 | IC LC22112B-MJ0 | | | |
| IC5411 | 409 422 5509 | IC MC74AC244DT | | | |
| | 409 418 2208 | IC TC74AC244FT(EL) | | | |
| IC5412 | 409 422 5509 | IC MC74AC244DT | | | |
| | 409 418 2208 | IC TC74AC244FT(EL) | | | |
| IC5413 | 409 422 5509 | IC MC74AC244DT | | | |
| | 409 418 2208 | IC TC74AC244FT(EL) | | | |
| CAPACITOR | | | | | |
| C1301 | 403 070 2606 | CERAMIC 0.1U Z 50V | | | |
| C1302 | 403 280 0607 | ELECT 220U M 6.3V | | | |
| | 403 322 7809 | ELECT 220U M 6.3V | | | |
| C1303 | 403 070 2606 | CERAMIC 0.1U Z 50V | | | |
| C1304 | 403 070 2606 | CERAMIC 0.1U Z 50V | | | |
| C1305 | 403 208 1402 | TA-SOLID 1U M 25V | | | |
| C1306 | 403 070 2606 | CERAMIC 0.1U Z 50V | | | |
| C1308TM | 403 069 8305 | CERAMIC 0.01U Z 50V | | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|----------|--------------|-------------------------|---------------|--------------|-------------------------|
| RB5412 | 645 026 8014 | R-NETWORK 10KX4 1/16W | R5459 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W |
| RB5413 | 645 026 8014 | R-NETWORK 10KX4 1/16W | | | |
| R1301 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | COIL | | |
| R1311 | 401 038 5003 | MT-GLAZE 390 JA 1/10W | L1301 | 645 026 1008 | INDUCTOR, 3.3U M |
| R1312 | 401 038 5003 | MT-GLAZE 390 JA 1/10W | L5451 | 645 026 1008 | INDUCTOR, 3.3U M |
| R1313 | 401 038 5003 | MT-GLAZE 390 JA 1/10W | MISCELLANEOUS | | |
| R4279 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | K1302 | 645 029 7984 | SOCKET, PWB-PWB 50P |
| R4281 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | K5401 | 645 029 7991 | SOCKET, PWB-PWB 80P |
| R4283 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4285 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4287 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4289 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4291 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4293 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4295 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4297 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4299 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4302 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4304 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4305 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4306 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4307 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4308 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R4309 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5279 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5281 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5283 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5285 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5287 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5289 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5291 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5293 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5295 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5297 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5299 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5302 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5304 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5305 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5306 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5307 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5308 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5309 | 401 037 5103 | MT-GLAZE 10 JA 1/10W | | | |
| R5401 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5402 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5403 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5404 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5406 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5407 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5408 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5409 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5410 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5421 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5422 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5431 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5432 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5441 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5442 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5443 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5444 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5445 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5446 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5448 | 401 037 6605 | MT-GLAZE 120 JA 1/10W | | | |
| R5451 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5452 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5453 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | | |
| R5454 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | | |
| R5455 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5456 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5457 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
| R5458 | 401 037 5004 | MT-GLAZE 0.000 ZA 1/10W | | | |
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[Electrical Parts List]

| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|--|--------------|------------------------|-------------------|--------------|--------------------------|
| RESISTOR | | | | | |
| R681 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | IC661 | 410 310 6706 | IC SI-3120FA LF1113 |
| R682 | 401 259 1501 | MT-GLAZE 2.2 JA 1/3W | IC662 | 409 308 8600 | IC SE005N |
| R682A | 401 259 1501 | MT-GLAZE 2.2 JA 1/3W | IC71 | 409 406 7000 | IC FA5331M |
| R683 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | △PC601 | 408 014 9703 | PC CNY17F-30PT1+6 |
| R684 | 401 259 1501 | MT-GLAZE 2.2 JA 1/3W | △PC602 | 408 016 8803 | PC PC113 (VDE0884) |
| R686 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | △PC603 | 408 014 9703 | PC CNY17F-30PT1+6 |
| R687 | 401 259 1501 | MT-GLAZE 2.2 JA 1/3W | | 408 016 8803 | PC PC113 (VDE0884) |
| R689 | 401 035 4108 | MT-GLAZE 0.000 ZA 1/8W | △CAPACITOR | | |
| R691 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | C608 | 404 071 2107 | MT-POLYEST 0.1U K 250V |
| R692 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | C609 | 403 165 6007 | CERAMIC 1000P K 1K |
| R693 | 401 037 5608 | MT-GLAZE 10K JA 1/10W | | 403 222 1303 | CERAMIC 1000P K 1K |
| R694 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | C611 | 403 165 6007 | CERAMIC 1000P K 1K |
| R695 | 401 037 5400 | MT-GLAZE 1K JA 1/10W | | 403 222 1303 | CERAMIC 1000P K 1K |
| R696 | 401 066 9004 | OXIDE-MT 27 JA 2W | C612 | 403 147 9606 | ELECT 1000U M 10V |
| VARIABLE RESISTOR | | | C613 | 403 147 9606 | ELECT 1000U M 10V |
| VR681 | 645 002 3538 | VR, SEMI, 4.7K S | C614 | 403 275 6003 | MT-POLYEST 1.5U J 400V |
| COIL | | | C616 | 403 275 6003 | MT-POLYEST 1.5U J 400V |
| L681 | 645 007 7968 | INDUCTOR, 10U M | C617 | 403 148 1807 | ELECT 220U M 35V |
| L682 | 645 028 0627 | INDUCTOR, 300U | C618 | 404 061 3602 | ELECT 470U M 400V |
| DIODE | | | C619 | 404 061 3602 | ELECT 470U M 400V |
| D681 | 407 004 0706 | DIODE DCB015-TB | C621 | 403 323 8706 | MT-POLYEST 0.047U K 450V |
| D682 | 407 004 0706 | DIODE DCB015-TB | △C631 | 404 071 2107 | MT-POLYEST 0.1U K 250V |
| D683 | 407 207 3801 | DIODE RK46 LF-J2 | C632 | 403 165 6007 | CERAMIC 1000P K 1K |
| | 407 148 4806 | DIODE RK46 LF-J3 | | 403 222 1303 | CERAMIC 1000P K 1K |
| D684 | 407 004 0706 | DIODE DCB015-TB | C633 | 403 165 6007 | CERAMIC 1000P K 1K |
| D691 | 407 042 7309 | LED TLR144 | | 403 222 1303 | CERAMIC 1000P K 1K |
| D691A | 645 015 9510 | SPACER | C634 | 403 269 7801 | ELECT 4.7U M 400V |
| MISCELLANEOUS | | | C636 | 403 130 3109 | CERAMIC 0.047U K 50V |
| IC681B | 411 047 0104 | SCR PAN+SW+W 3X8 | C637 | 403 323 8706 | MT-POLYEST 0.047U K 450V |
| IC681H | 645 028 4984 | HEAT SINK | C638 | 403 156 8805 | ELECT 1U M 50V |
| K6G | 645 005 9315 | PLUG, 2P | C639 | 404 077 6208 | ELECT 330U M 250V |
| K6H | 645 005 9315 | PLUG, 2P | C641 | 404 077 6208 | ELECT 330U M 250V |
| K6I | 645 004 2898 | PLUG, 3P | C643 | 403 156 9000 | ELECT 2.2U M 50V |
| K6J | 645 004 2959 | PLUG, 9P | C644 | 403 237 7901 | MT-COMPO 0.22U J 50V |
| K6K | 645 004 2928 | PLUG, 6P | C646 | 403 069 1702 | CERAMIC 1000P K 50V |
| K6L | 645 004 2898 | PLUG, 3P | C647 | 403 165 8803 | CERAMIC 330P K 2K |
| K6M | 645 004 2898 | PLUG, 3P | C648 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| K6N | 645 004 2898 | PLUG, 3P | C649 | 403 167 8603 | CERAMIC 220P K 2K |
| K6P | 645 004 2898 | PLUG, 3P | C651 | 403 074 9502 | CERAMIC 680P K 50V |
| 610 274 5504 ASSY POWER | | | C652 | 403 156 8805 | ELECT 1U M 50V |
| 1AASB10C18400 | | | C653 | 403 148 1807 | ELECT 220U M 35V |
| CAUTION | | | C654 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| ★ AFTER REPLACING THE PARTS IN THE P.F.C. CIRCUIT, READJUST THE P.F.C. OUTPUT VOLTAGE. | | | C656 | 403 333 3500 | POLYPRO 0.022U J 630V |
| ★ AFTER REPLACING THE PARTS IN THE +6V DC CIRCUIT, READJUST THE +6V DC VOLTAGE. | | | C657 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| ★ AFTER REPLACING THE PARTS IN THE +15V DC CIRCUIT, READJUST THE +15V DC VOLTAGE. | | | C661 | 403 148 0701 | ELECT 2200U M 25V |
| (REFER TO ELECTRICAL ADJUSTMENTS) | | | | 403 313 6002 | ELECT 2200U M 25V |
| TRANSISTOR | | | C662 | 403 148 0701 | ELECT 2200U M 25V |
| Q601 | 405 135 5409 | TR 2SK1544 | | 403 313 6002 | ELECT 2200U M 25V |
| Q602 | 405 135 5409 | TR 2SK1544 | C663 | 403 119 7609 | ELECT 2200U M 10V |
| Q661 | 405 014 4509 | TR 2SC2412K T146 R | | 403 313 5906 | ELECT 2200U M 10V |
| Q662 | 405 014 4509 | TR 2SC2412K T146 R | C664 | 403 119 7609 | ELECT 2200U M 10V |
| Q71 | 405 014 4509 | TR 2SC2412K T146 R | | 403 313 5906 | ELECT 2200U M 10V |
| Q72 | 405 002 0308 | TR 2SA1037K T146 R | C666 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| INTEGRATED CIRCUIT | | | C667 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| IC631 | 409 421 4800 | IC STR83145 | C668 | 403 148 0404 | ELECT 1000U M 25V |
| IC632 | 409 426 6809 | IC STR-Z2154C | | 403 301 7103 | ELECT 1000U M 25V |
| | | | C669 | 403 155 5607 | ELECT 220U M 10V |
| | | | C671 | 403 156 9208 | ELECT 4.7U M 50V |
| | | | C672 | 403 148 0305 | ELECT 470U M 16V |
| | | | C71 | 403 074 9502 | CERAMIC 680P K 50V |
| | | | C72 | 403 075 2304 | CERAMIC 0.068U Z 50V |
| | | | C73 | 403 070 2606 | CERAMIC 0.1U Z 50V |
| | | | C74 | 403 030 7009 | CERAMIC 68P J 50V |
| | | | C75 | 403 069 5601 | CERAMIC 0.01U K 50V |
| | | | C76 | 403 073 7301 | CERAMIC 470P K 50V |

[Electrical Parts List]

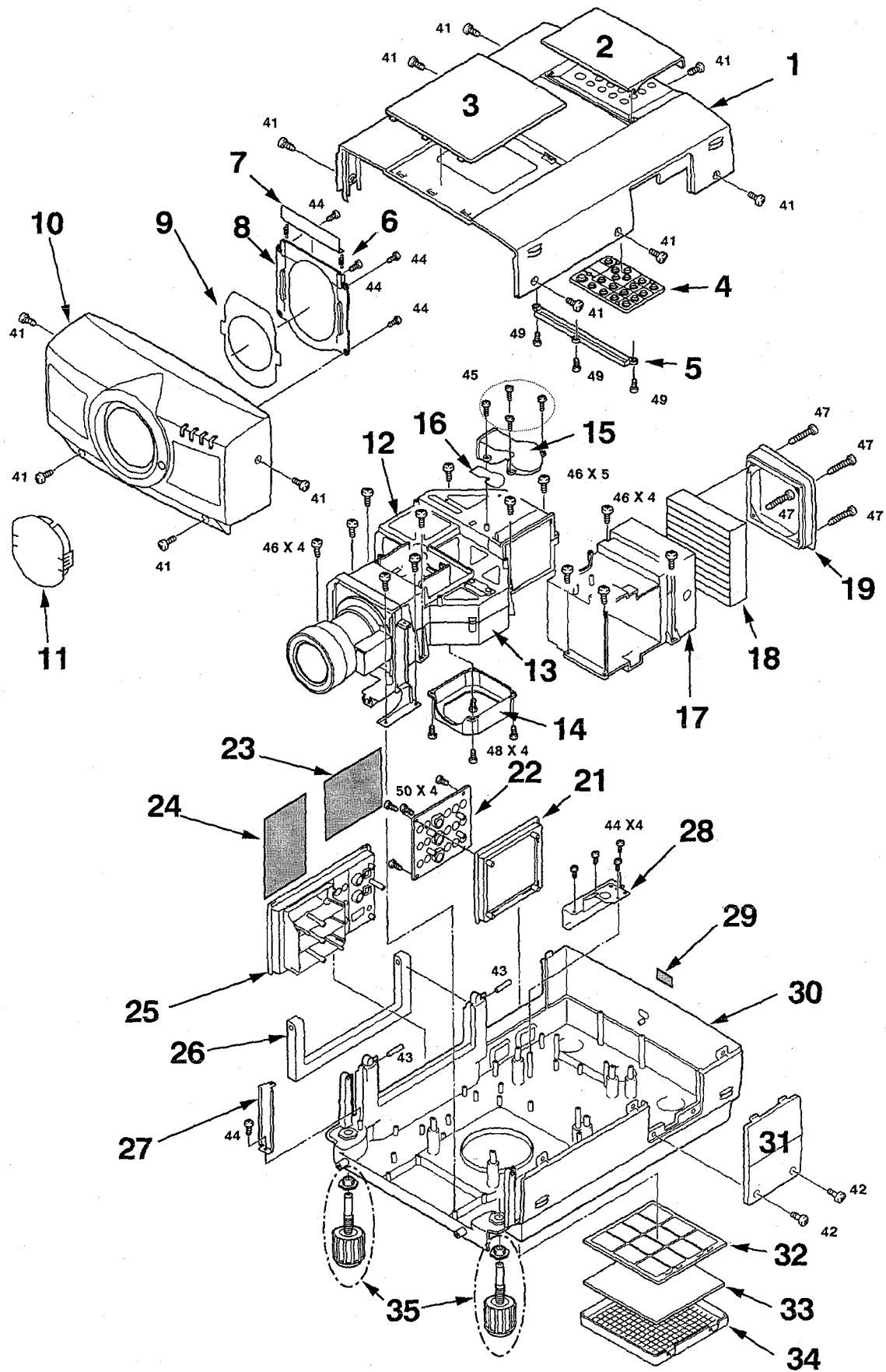
| Ref. No. | Part No. | Description | Ref. No. | Part No. | Description |
|---|--------------|------------------|---------------------|----------------------------|---------------------|
| 0602H | 645 028 4960 | HEAT SINK | ACCESSORIES | | |
| KT601 | 645 004 2898 | PLUG, 3P | 645 024 6326 | CABLE, INTERFACE MAC A | |
| K6D | 645 005 9315 | PLUG, 2P | or 645 026 6829 | CABLE, INTERFACE SVGA MAC | |
| K6E | 645 008 4478 | PLUG, 9P | 645 024 6333 | CABLE, INTERFACE PS/2 | |
| K1 | 610 225 9421 | TERMINAL 10P | or 645 026 6836 | CABLE, INTERFACE SVGA PS/2 | |
| TSW601 | 645 017 3691 | SWITCH, THERMAL | 645 025 6349 | CABLE, INTERFACE XGA SRAL | |
| TSW601B | 411 047 0104 | SCR PAN+SW+W 3X8 | or 645 026 6843 | CABLE, INTERFACE SVGA SRAL | |
| TSW601H | 645 028 4960 | HEAT SINK | 645 015 3976 | CABLE, FXAF | |
| 610 272 5889 ASSY, PWB, LAMPBALLAST | | | or 610 234 0969 | CABLE | |
| 1AASB10C15300 | | | AA9901 | 645 028 5950 | ASSY, REMOCON CXDA |
| CAUTION | | | A9901C | 610 273 8667 | RC-BATTERY LID-CXDA |
| IF THERE IS A PROBLEM IN THE ASSY LAMP BALLAST | | | AA9901 | 645 029 2194 | ASSY, REMOCON CXEA |
| ONLY USE THESE REPLACEMENT PARTS FOR BEST PERFORMANCE | | | A9901C | 610 272 9221 | RC-BATTERY LID-CXEA |
| AND SAFETY. | | | 645 031 5671 | DISK USB DRIVER FLOPPY | |
| TRANSISTOR | | | 645 021 6831 | ADAPTOR, MAC/IBM | |
| △0701 | 405 146 6402 | TR 2SK2837 | 610 272 3045 | COVER, DUST-M6MA | |
| △0702 | 405 146 6402 | TR 2SK2837 | 645 027 7221 | CABLE, INTERFACE VGA | |
| △0703 | 405 135 1203 | TR 2SD1314 | PLC-9000/9000E ONLY | | P6MZ P6MA |
| △0704 | 405 135 1203 | TR 2SD1314 | 610 272 3106 | OWNER'S MANUAL-P6MA | |
| △0705 | 405 135 1203 | TR 2SD1314 | 610 272 3113 | OWNER'S MANUAL-P6MA-D | |
| △0706 | 405 135 1203 | TR 2SD1314 | 610 272 3120 | OWNER'S MANUAL-P6MA-F | |
| △0731 | 406 011 2901 | 2SC4304 LF639 | 610 272 3137 | OWNER'S MANUAL-P6MA-I | |
| DIODE | | | 610 272 3144 | OWNER'S MANUAL-P6MA-E | |
| △D701 | 407 174 0308 | DIODE FML-36S | △ 645 002 9196 | AC CORD, POWER-3. 0MK | |
| △D708 | 407 007 7702 | DIODE EU2A | PLC-9005E ONLY | | P6MAV |
| △D709 | 407 007 7702 | DIODE EU2A | 610 273 2573 | OWNER'S MANUAL-P6MAV | |
| △D711 | 407 007 7702 | DIODE EU2A | 610 273 2580 | OWNER'S MANUAL-P6MAV-D | |
| △D712 | 407 007 7702 | DIODE EU2A | 610 273 2597 | OWNER'S MANUAL-P6MAV-F | |
| △D731 | 407 146 8103 | DIODE EG01C | 610 273 2603 | OWNER'S MANUAL-P6MAV-I | |
| △D733 | 407 007 6606 | DIODE ES1 | 610 273 2610 | OWNER'S MANUAL-P6MAV-E | |
| △D734 | 407 007 6606 | DIODE ES1 | △ 645 002 9196 | AC CORD, POWER-3. 0MK | |
| △D736 | 407 007 6606 | DIODE ES1 | PLC-9005B ONLY | | P6MCV |
| △D737 | 407 007 6606 | DIODE ES1 | 610 273 2634 | OWNER'S MANUAL-P6MCV | |
| △D738 | 407 007 6606 | DIODE ES1 | △ 645 003 1137 | AC CORD, POWER-3. 0MK | |
| △SW701 | 645 017 3691 | SWITCH, THERMAL | △or 645 003 5098 | AC CORD, POWER-3. 0MK | |
| △SW702 | 645 026 9257 | SWITCH, THERMAL | | | |

【 Electrical Parts List 】

| Ref. No. | Part No. | Description |
|--|--------------|------------------|
| O602H | 645 028 4960 | HEAT SINK |
| KT601 | 645 004 2898 | PLUG, 3P |
| K6D | 645 005 9315 | PLUG, 2P |
| K6E | 645 008 4478 | PLUG, 9P |
| K1 | 610 225 9421 | TERMINAL 10P |
| TSW601 | 645 017 3691 | SWITCH, THERMAL |
| TSW601B | 411 047 0104 | SCR PAN+SW+W 3X8 |
| TSW601H | 645 028 4960 | HEAT SINK |
| 610 272 5889 ASSY,PWB,LAMPBALLAST 1AASB10C15300 | | |
| CAUTION IF THERE IS A PROBLEM IN THE ASSY LAMP BALLAST, ONLY USE THESE REPLACEMENT PARTS FOR BEST PERFORMANCE AND SAFETY. | | |
| TRANSISTOR | | |
| △Q701 | 405 146 6402 | TR 2SK2837 |
| △Q702 | 405 146 6402 | TR 2SK2837 |
| △Q703 | 405 135 1203 | TR 2SD1314 |
| △Q704 | 405 135 1203 | TR 2SD1314 |
| △Q705 | 405 135 1203 | TR 2SD1314 |
| △Q706 | 405 135 1203 | TR 2SD1314 |
| △Q731 | 406 011 2901 | 2SC4304 LF639 |
| DIODE | | |
| △D701 | 407 174 0308 | DIODE FML-36S |
| △D708 | 407 007 7702 | DIODE EU2A |
| △D709 | 407 007 7702 | DIODE EU2A |
| △D711 | 407 007 7702 | DIODE EU2A |
| △D712 | 407 007 7702 | DIODE EU2A |
| △D731 | 407 146 8103 | DIODE EG01C |
| △D733 | 407 007 6606 | DIODE ES1 |
| △D734 | 407 007 6606 | DIODE ES1 |
| △D736 | 407 007 6606 | DIODE ES1 |
| △D737 | 407 007 6606 | DIODE ES1 |
| △D738 | 407 007 6606 | DIODE ES1 |
| △SW701 | 645 017 3691 | SWITCH, THERMAL |
| △SW702 | 645 026 9257 | SWITCH, THERMAL |

| Ref. No. | Part No. | Description |
|-------------|--------------|----------------------------|
| ACCESSORIES | | |
| | 645 026 6829 | CABLE, INTERFACE SVGA MAC |
| or | 645 024 6326 | CABLE, INTERFACE MAC A |
| | 645 026 6836 | CABLE, INTERFACE SVGA PS/2 |
| or | 645 024 6333 | CABLE, INTERFACE PS/2 |
| | 645 026 6843 | CABLE, INTERFACE SVGA SRAL |
| or | 645 025 6349 | CABLE, INTERFACE XGA SRAL |
| | 645 015 3976 | CABLE, FXAF |
| or | 610 234 0969 | CABLE |
| AA9901 | 645 028 5950 | ASSY, REMOCON CXDA |
| A9901C | 610 273 8667 | RC-BATTERY LID-CXDA |
| AA9901 | 645 029 2194 | ASSY, REMOCON CXEA |
| A9901C | 610 272 9221 | RC-BATTERY LID-CXEА |
| | 610 272 3052 | OWNER'S MANUAL-M6MA |
| | 645 031 5671 | DISK USB DRIVER FLOPPY |
| | 645 021 6831 | ADAPTOR, MAC/IBM |
| | 610 272 3045 | COVER, DUST-M6MA |
| △ | 645 002 9189 | AC CORD, POWER-3. 0MK |
| | 645 027 7221 | CABLE, INTERFACE VGA |

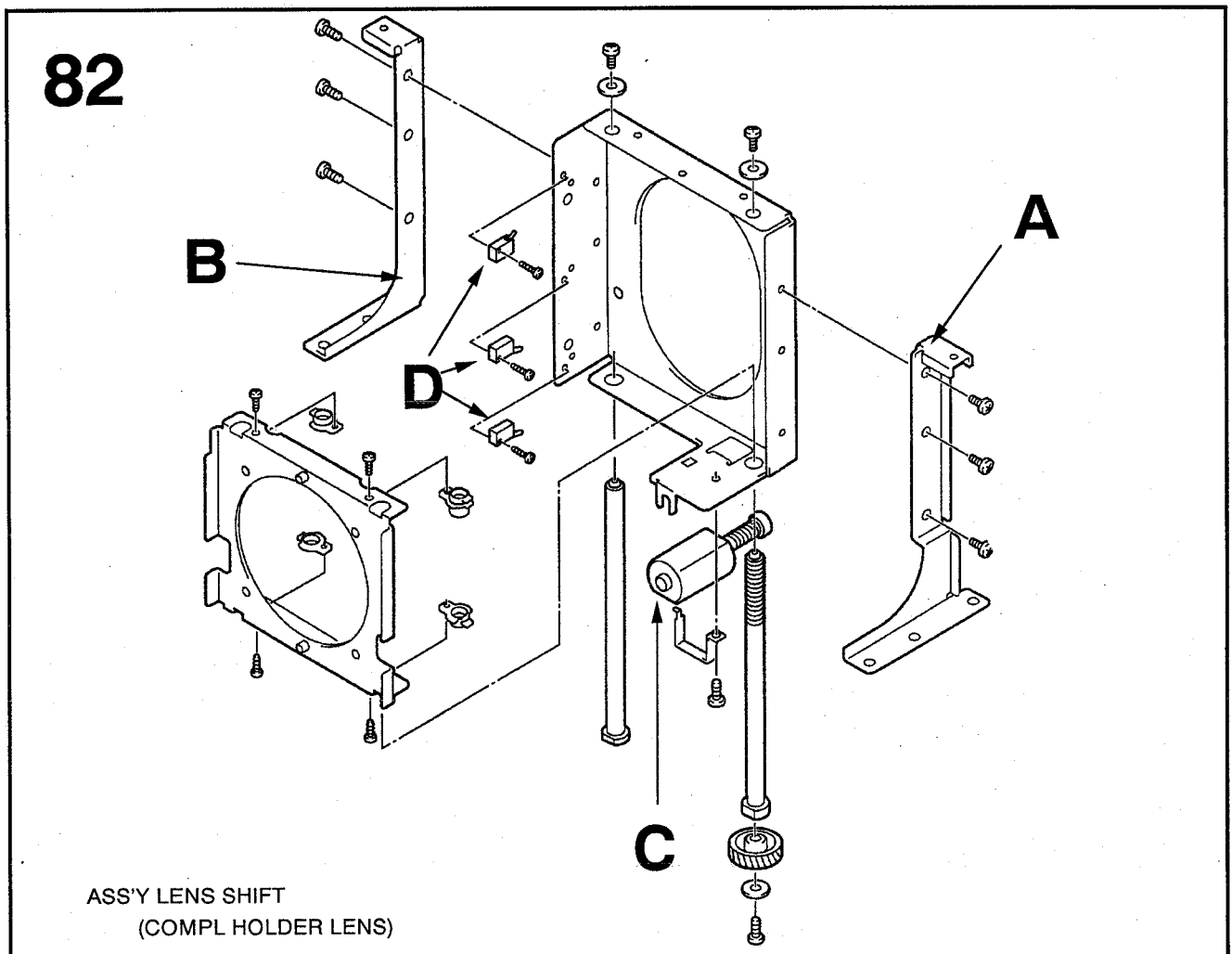
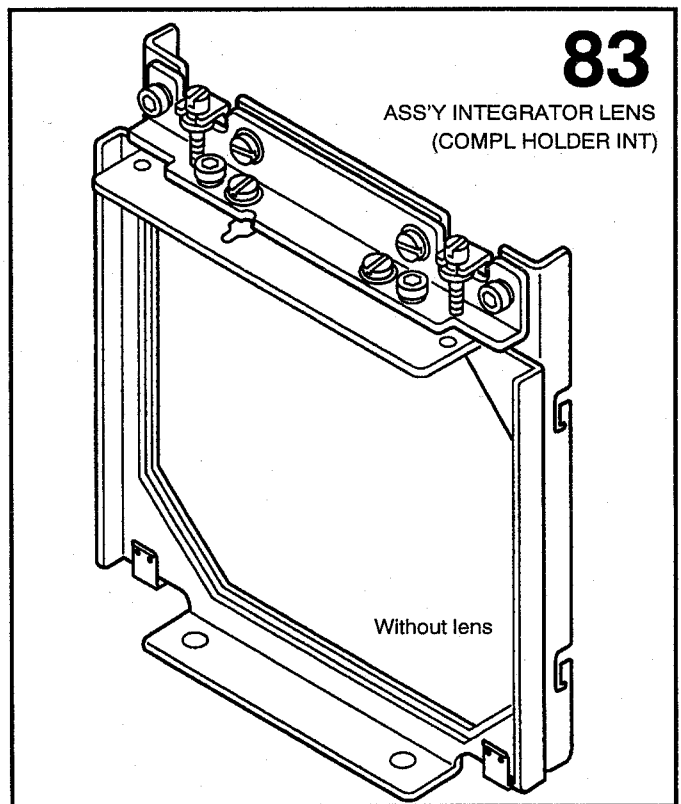
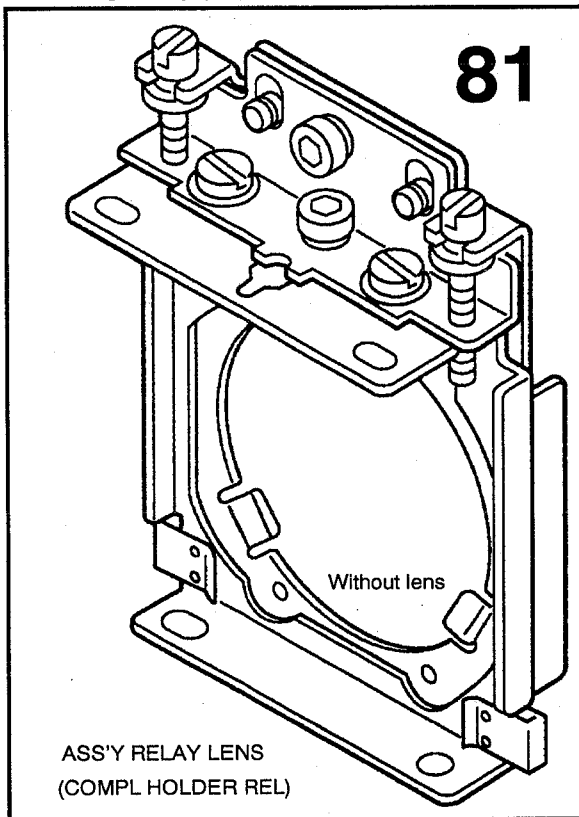
CABINET PARTS LIST



CABINET PARTS LIST

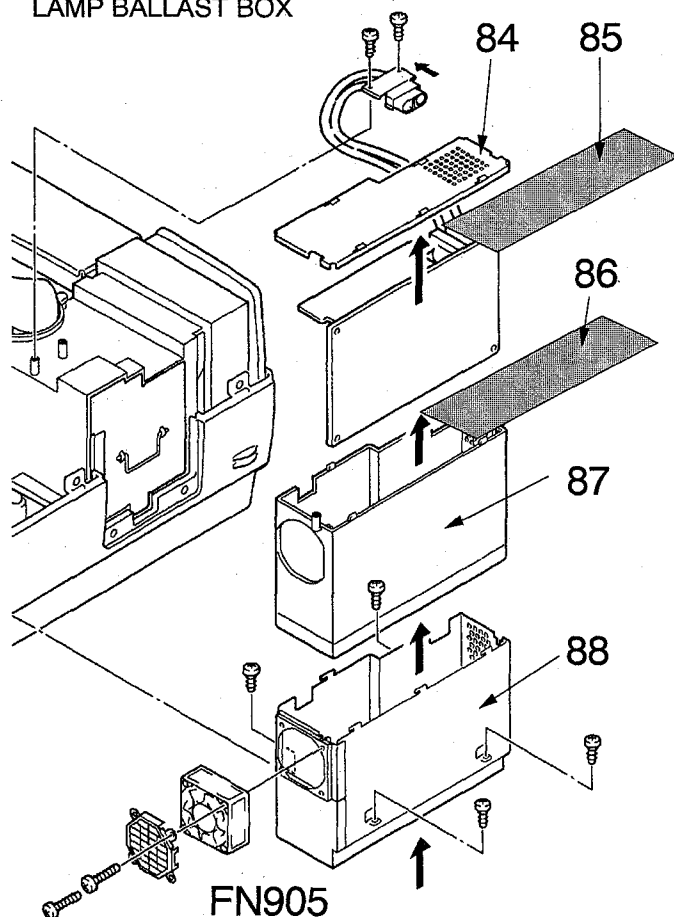
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CHASSIS PARTS LIST

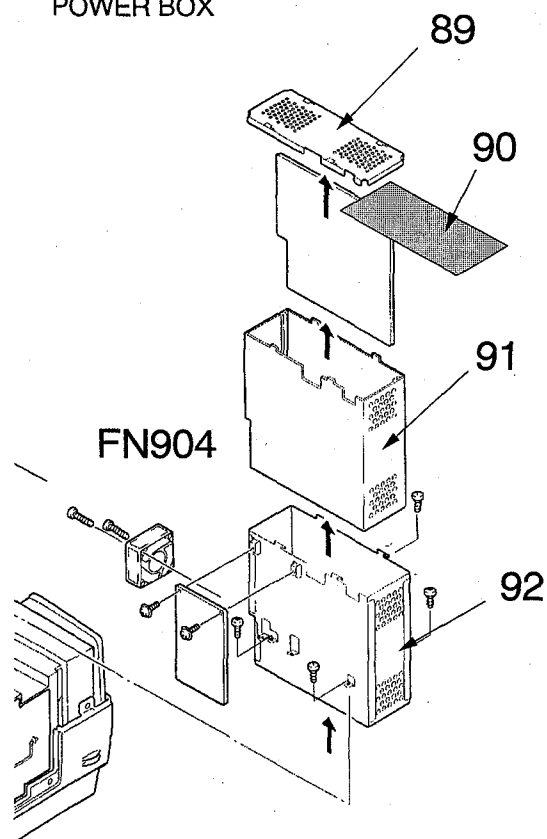


CHASSIS PARTS LIST

LAMP BALLAST BOX



POWER BOX



CHASSIS PARTS LIST

| Key NO. | PART NO. | DESCRIPTION |
|---------|--------------|--------------------------|
| 81. | 610 270 3245 | COMPL. HOLDER REL C-MGMA |
| 82. | 610 270 4365 | COMPL. HOLDER LENS-MGMA |
| 82-A | 610 270 5836 | MOUNTING CHS B-MGMA |
| 82-B | 610 270 5843 | MOUNTING CHS C-MGMA |
| 82-C | 645 011 9026 | ASSY. MOTOR (MGDA) |
| 82-D | 645 012 2422 | SWITCH, LEVER |
| 83. | 610 270 5386 | COMPL. HOLDER INT A-MGMA |
| 84. | 610 272 1249 | SHIELD BOX LAMP-B-MGMA |
| 85. | 610 273 7950 | SPACER LAMP PWB A-MGMA |
| 86. | 610 273 7967 | SPACER LAMP PWB B-MGMA |
| 87. | 610 272 1164 | HOLDER LAMP PWB-MGMA |
| 88. | 610 272 1232 | SHIELD BOX LAMP-A-MGMA |
| 89. | 610 272 1263 | SHIELD BOX POW-B-MGMA |
| 90. | 610 273 7943 | SPACER POWER PWB A-MGMA |
| 91. | 610 272 1171 | HOLDER POWER PWB-MGMA |
| 92. | 610 272 1256 | SHIELD BOX POW-A-MGMA |

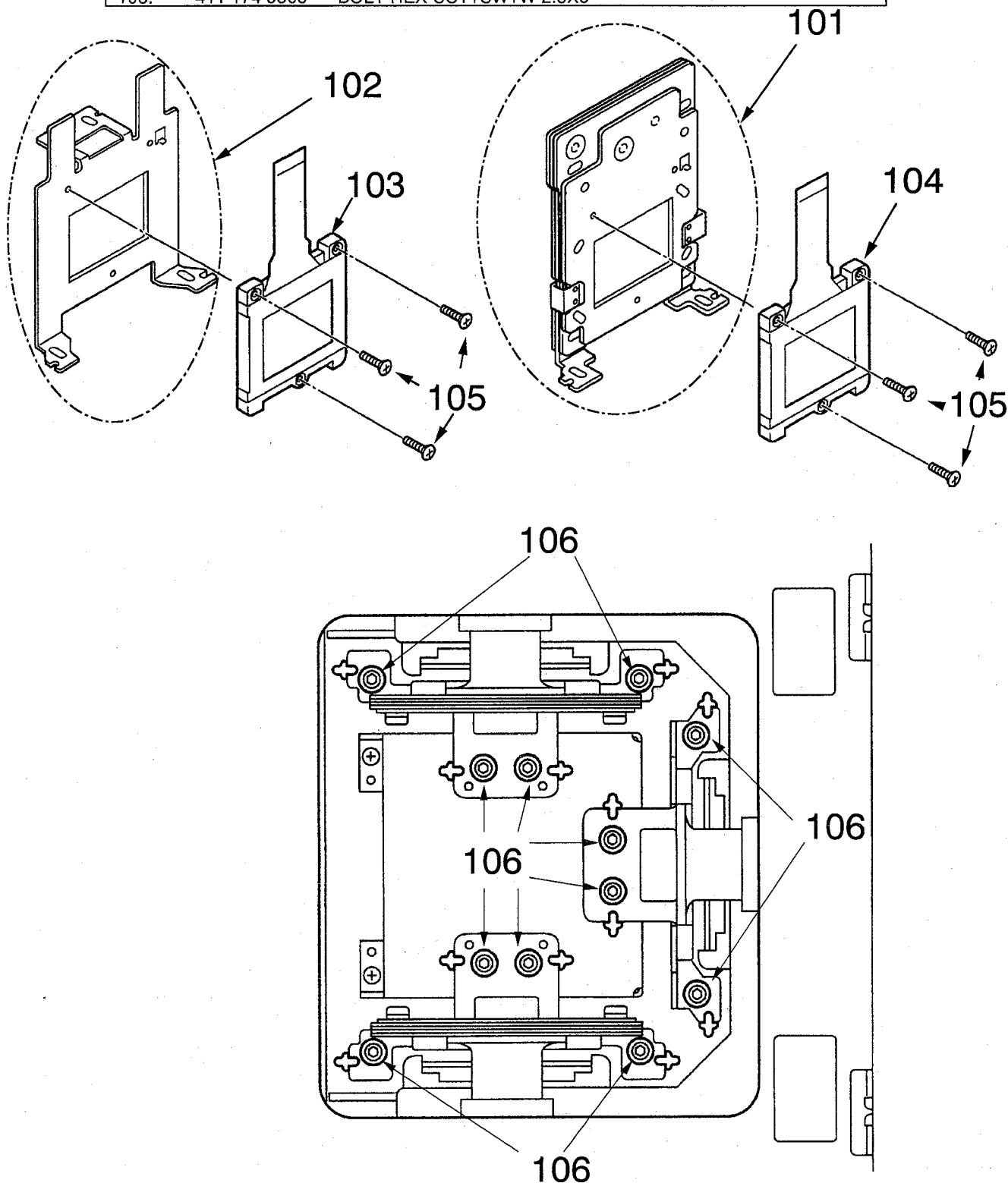
NOTE :

IF THERE IS A PROBLEM IN THE COMPL. HOLDER LENS, ONLY USE THESE REPLACEMENT PARTS FOR BEST PERFORMANCE.

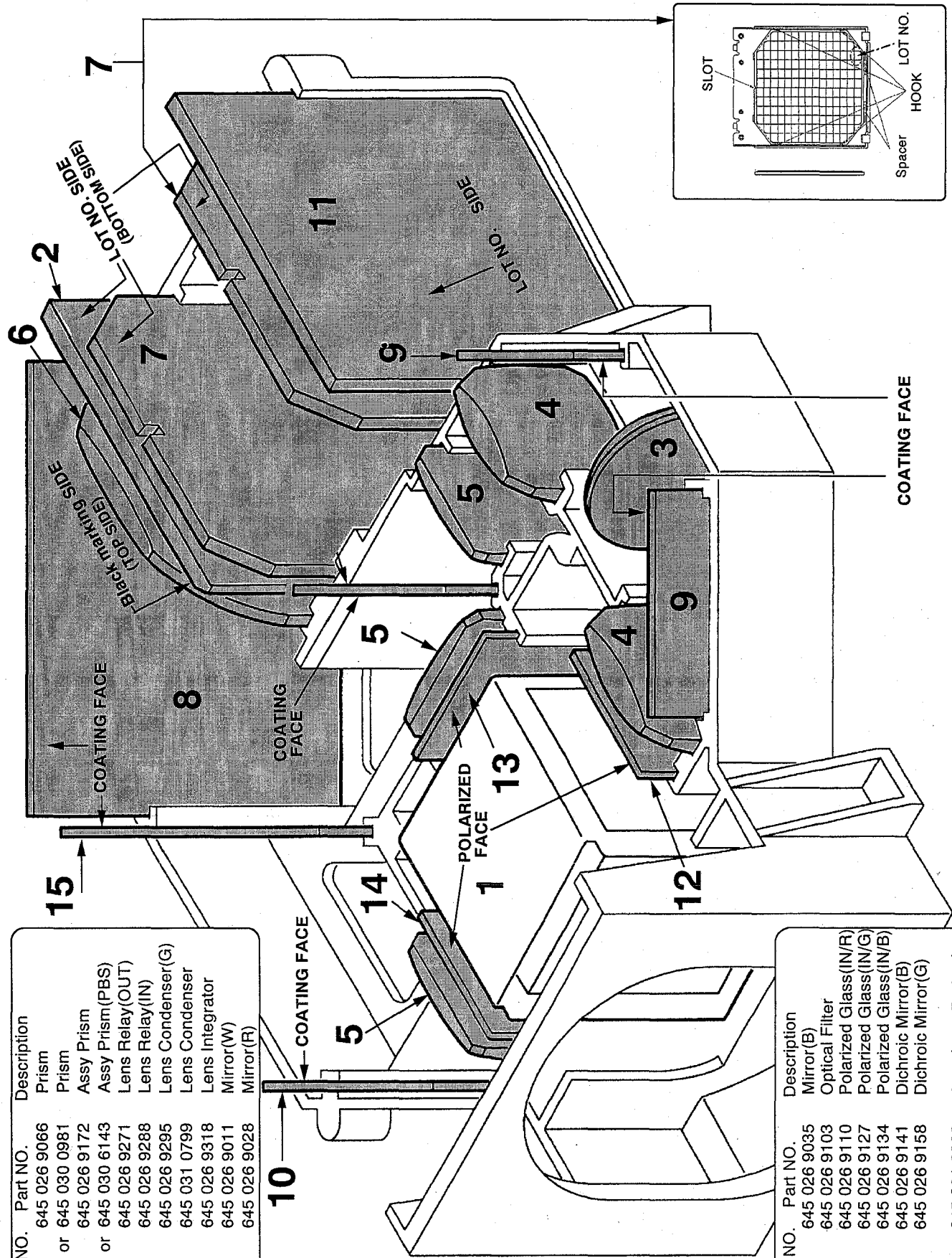
ASSY LCD PANEL PARTS LIST

ASSY LCD PANEL PARTS LIST

| Key NO. | Part NO. | DESCRIPTION |
|---------|---|---------------------------|
| 101. | 610 270 3313 | COMPL.HOLDER LCD E - M6MA |
| 102. | 610 270 1890 | HOLDER LCD E - M6MA |
| 103. | GREEN LCD PANEL See electrical parts list "OUT OF CIRCUIT PCB" | |
| 104. | RED & BLUE LCD PANEL See electrical parts list "OUT OF CIRCUIT PCB" | |
| 105. | 411 052 1509 | SCR OVL 2X6 |
| 106. | 411 174 9308 | BOLT HEX-SCT+SW+W 2.5X6 |



OPTICAL PARTS LIST

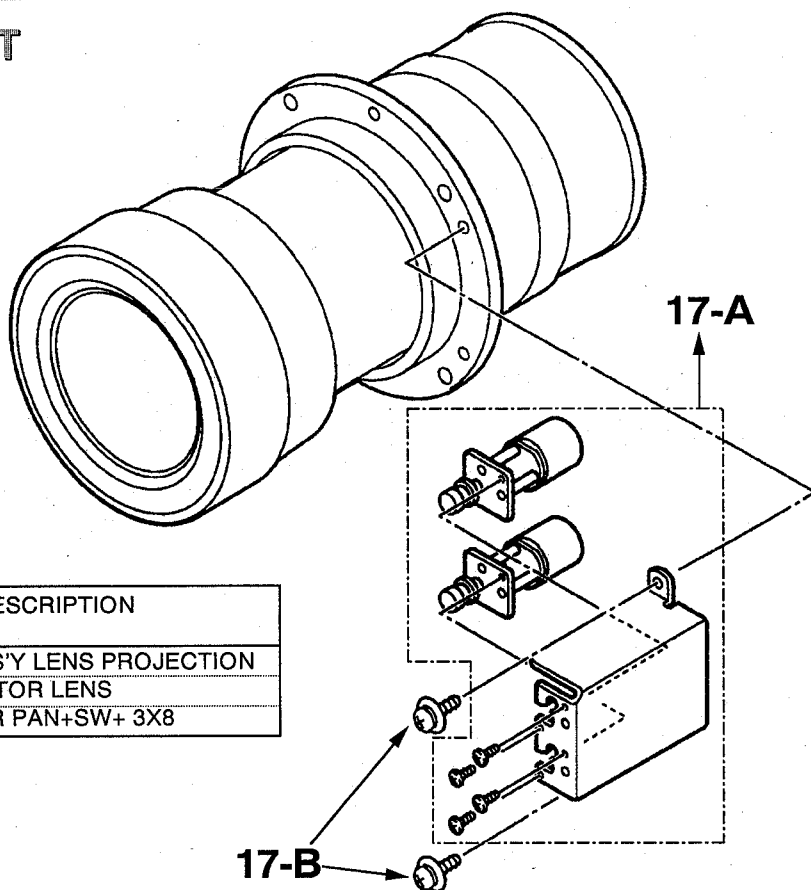


| Key NO. | Part NO. | Description |
|---------|-----------------|-------------------|
| 1. | 645 026 9066 | Prism |
| | or 645 030 0981 | Prism |
| 2. | 645 026 9172 | Assy Prism |
| | or 645 030 6143 | Assy Prism (PBS) |
| 3. | 645 026 9271 | Lens Relay(OUT) |
| 4. | 645 026 9288 | Lens Relay(IN) |
| 5. | 645 026 9295 | Lens Condenser(G) |
| 6. | 645 031 0799 | Lens Condenser |
| 7. | 645 026 9318 | Lens Integrator |
| 8. | 645 026 9011 | Mirror(W) |
| 9. | 645 026 9028 | Mirror(R) |

| Key NO. | Part NO. | Description |
|---------|--------------|-----------------------|
| 10. | 645 026 9035 | Mirror(B) |
| 11. | 645 026 9103 | Optical Filter |
| 12. | 645 026 9110 | Polarized Glass(IN/R) |
| 13. | 645 026 9127 | Polarized Glass(IN/G) |
| 14. | 645 026 9134 | Polarized Glass(IN/B) |
| 15. | 645 026 9141 | Dichroic Mirror(B) |
| 16. | 645 026 9158 | Dichroic Mirror(G) |
| | 645 031 2922 | Assy Lens Projection |

OPTICAL PARTS LIST

17



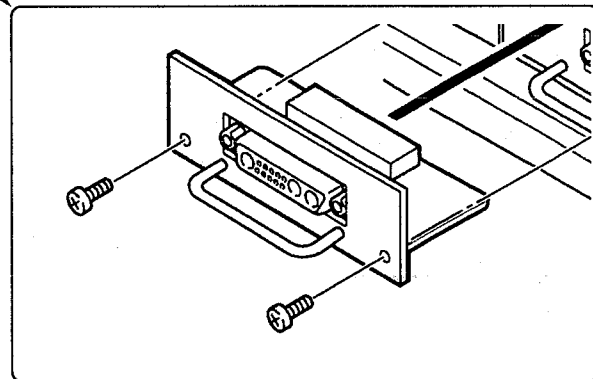
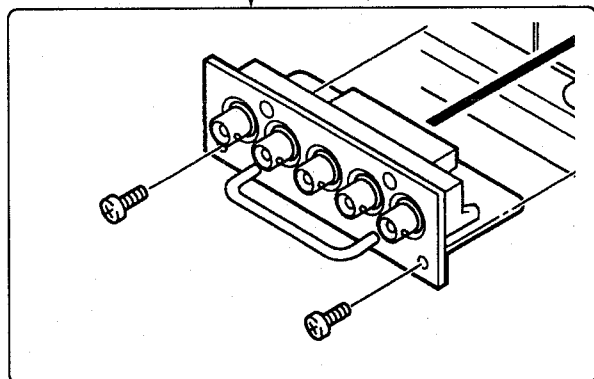
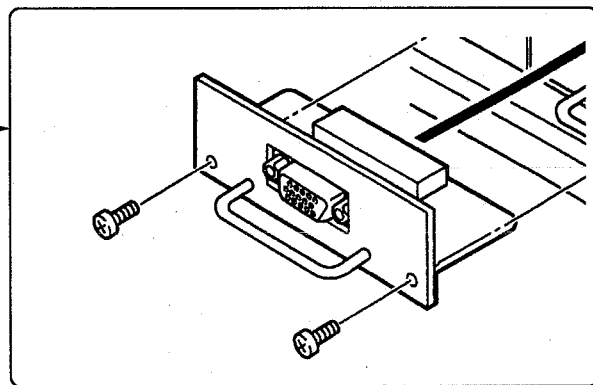
| KEY NO. | PART NO. | DESCRIPTION |
|---------|--------------|-----------------------|
| 17. | 645 031 2922 | ASS'Y LENS PROJECTION |
| 17-A | 645 032 4741 | MOTOR LENS |
| 17-B | 411 036 6001 | SCR PAN+SW+ 3X8 |

ACCESSORY (OPTION)

PLC-PC01
ASS'Y DSUB15 TERMINAL

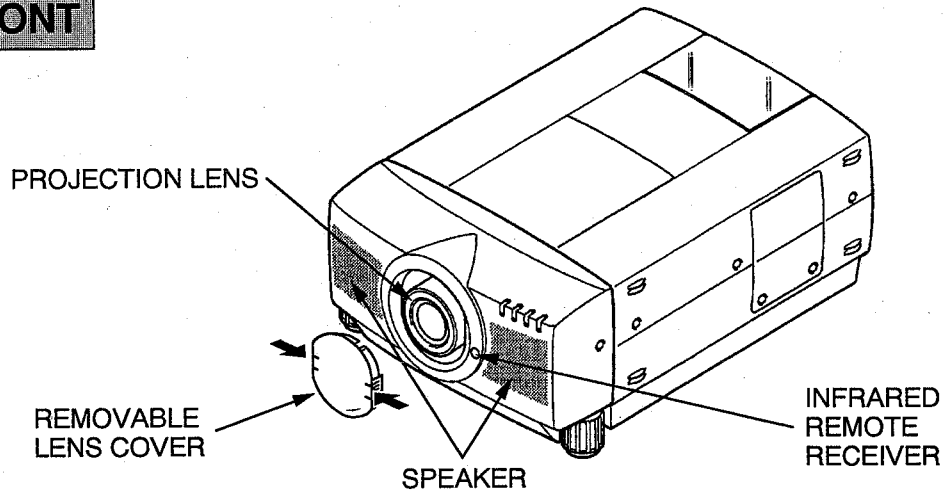
PLC-PC03
ASS'Y 13W3 TERMINAL

PLC-PC02
ASS'Y BNC TERMINAL



DESCRIPTION OF PROJECTOR

FRONT



REAR

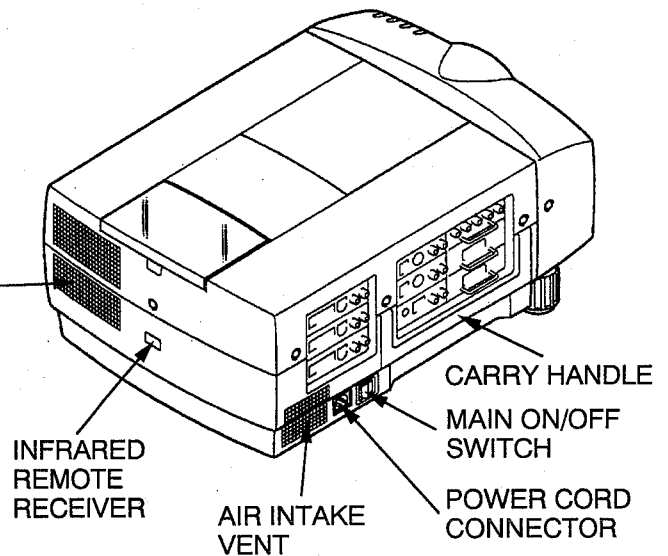
EXHAUST VENT



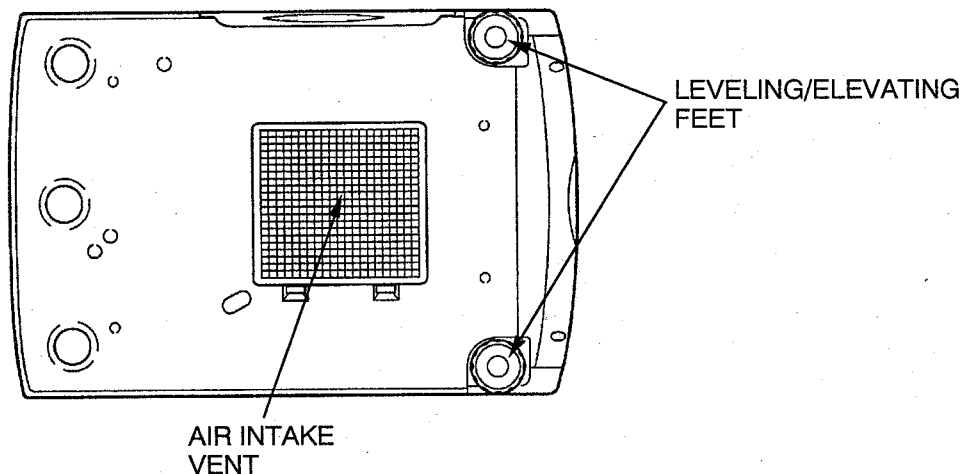
CAUTION HOT AIR !

Air blown from the exhaust vent is hot. Observe the following when handling your projector or choosing a location to install it.

- Keep heat-sensitive objects away from the exhaust port.
- If you set the projector on top of a metallic surface, the surface will become hot because of the hot air exhaust. Be careful when handling.
- Do not touch the cabinet near to the exhaust vent area, and especially screws and metallic parts. These parts will become hot while the projector is used.



BOTTOM



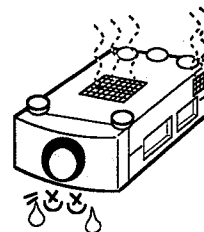
SETTING-UP THE PROJECTOR

POSITIONING:

- This projector is basically designed to project on a flat projection surface.
- This projector can be focused from 3.6' (1.1m) ~ 73.2' (22.3m).
- Refer to the figure below as an example when positioning the projector to the screen.

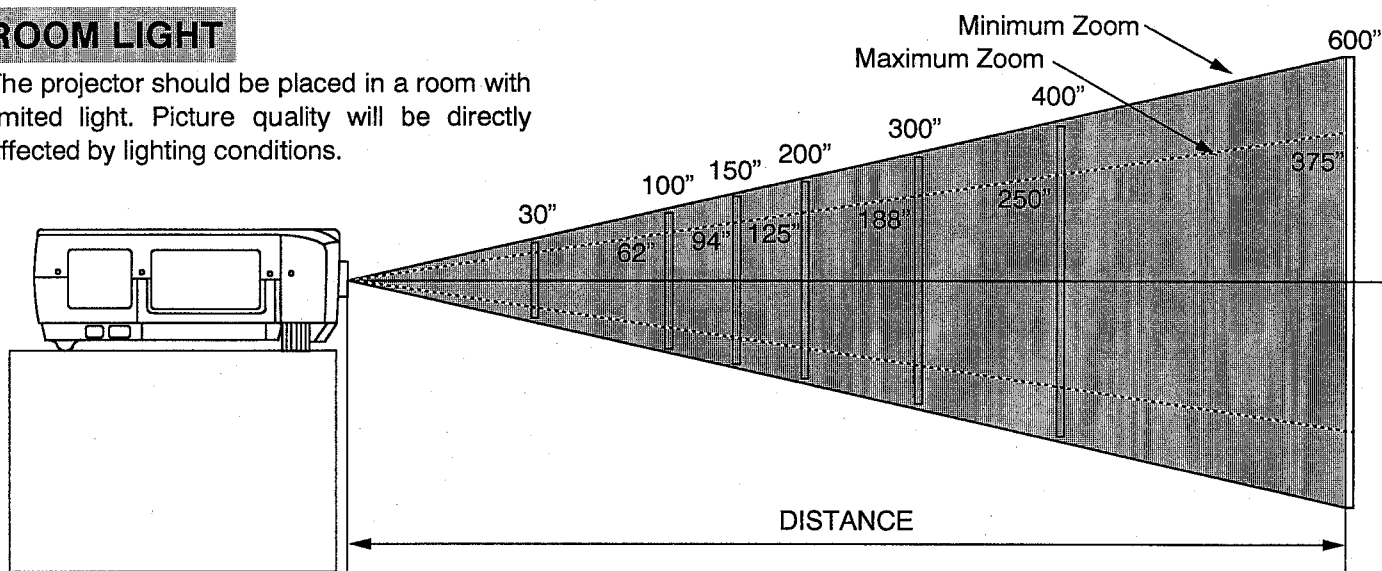


THIS PROJECTOR SHOULD BE SET IN THE WAY INDICATED. NEVER HANG THE PROJECTOR, OR FALL DOWN ON ITS SIDE. IT MAY RESULT IN FIRE HAZARD.



ROOM LIGHT

The projector should be placed in a room with limited light. Picture quality will be directly affected by lighting conditions.



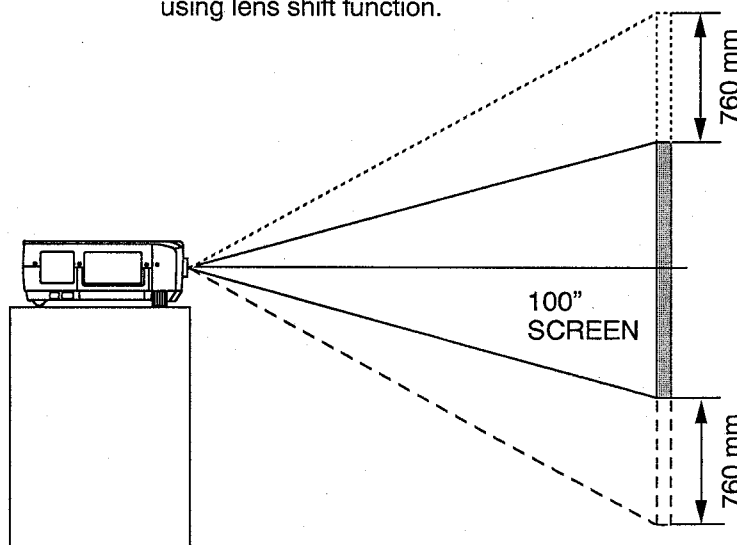
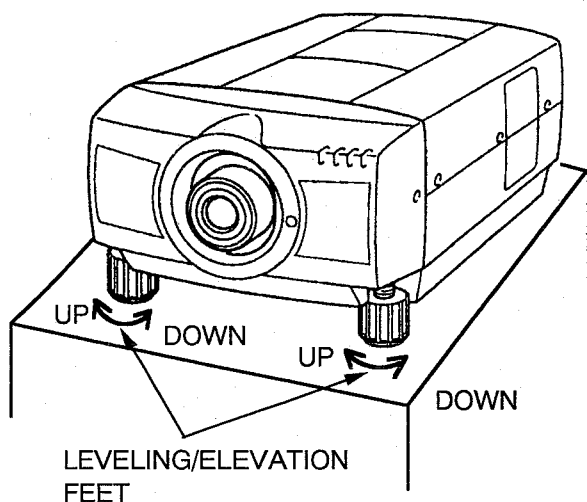
| Screen Size | Max. Zoom | 30" | 100" | 150" | 200" | 300" | 400" | 600" |
|-------------|-----------|-------------|--------------|--------------|--------------|---------------|---------------|---------------|
| | Min. Zoom | ----- | 62" | 94" | 125" | 188" | 250" | 375" |
| Distance | | 3.6'(1.1 m) | 11.8'(3.6 m) | 17.7'(5.4 m) | 24.3'(7.4 m) | 36.4'(11.1 m) | 48.6'(14.8 m) | 73.2'(22.3 m) |

LEVELING AND ELEVATING ADJUSTMENTS

Two feet adjust the projection angle and leveling the projector. The projection angle can be adjusted up to 4° degrees by rotating the two (left and right) feet located on the bottom of the projector. Level the projector by rotating the two feet.

MOVE THE PROJECTED IMAGE POSITIO

Adjust the projected image position (maximum 760 mm downward or upward on the 100" screen) using lens shift function.

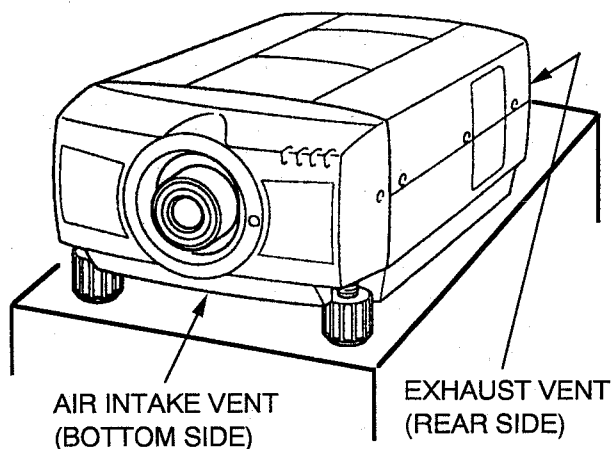


VENTILATION

This projector is equipped with a cooling fan to protect it from overheating. Pay attention to the following to ensure the ventilation and avoid a possible risk of fire and malfunction.



- Do not cover the vents with papers or other materials.
- Keep the rear grill at least 3.3' (1m) away from any object.
- Make sure that there are no objects under the projector. An object under the projector may prevent the projector from taking the cooling air through the bottom vent.

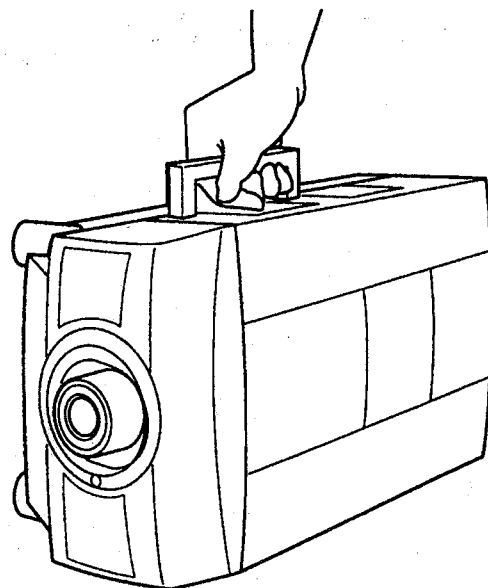


MOVING THE PROJECTOR

Use the carry handle when moving the projector.



Replace the lens cover and rotate the leveling/elevation feet fully clockwise when moving the projector to prevent damage to the projector.

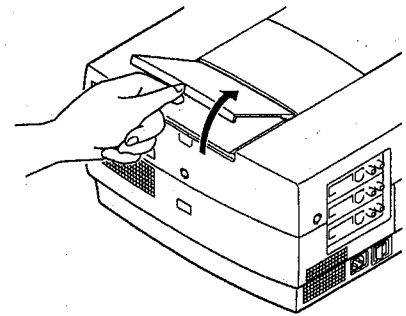
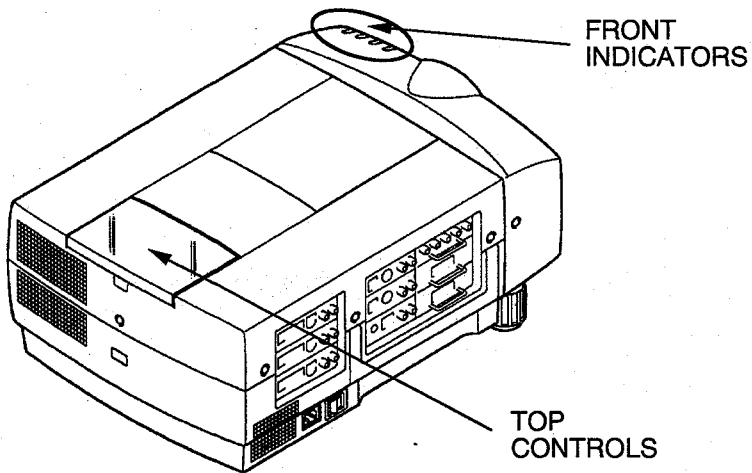


CAUTION IN CARRYING OR TRANSPORTING THE PROJECTOR

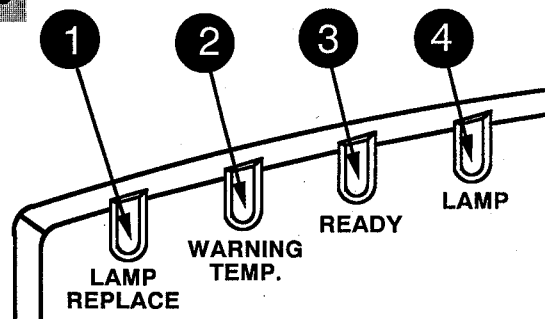
- Do not drop or give a shock to the projector, otherwise damage or malfunction may result.
- When carrying the projector, use a recommended Carrying Case.
- Do not transport the projector by using a courier or transport service in an unsuitable transport case. This may cause damage to the projector. To transport the projector through a courier or transport service, use a recommended Case.
- For a carrying or transportation cases, contact a authorized dealer.

OPERATION OF CONTROLS

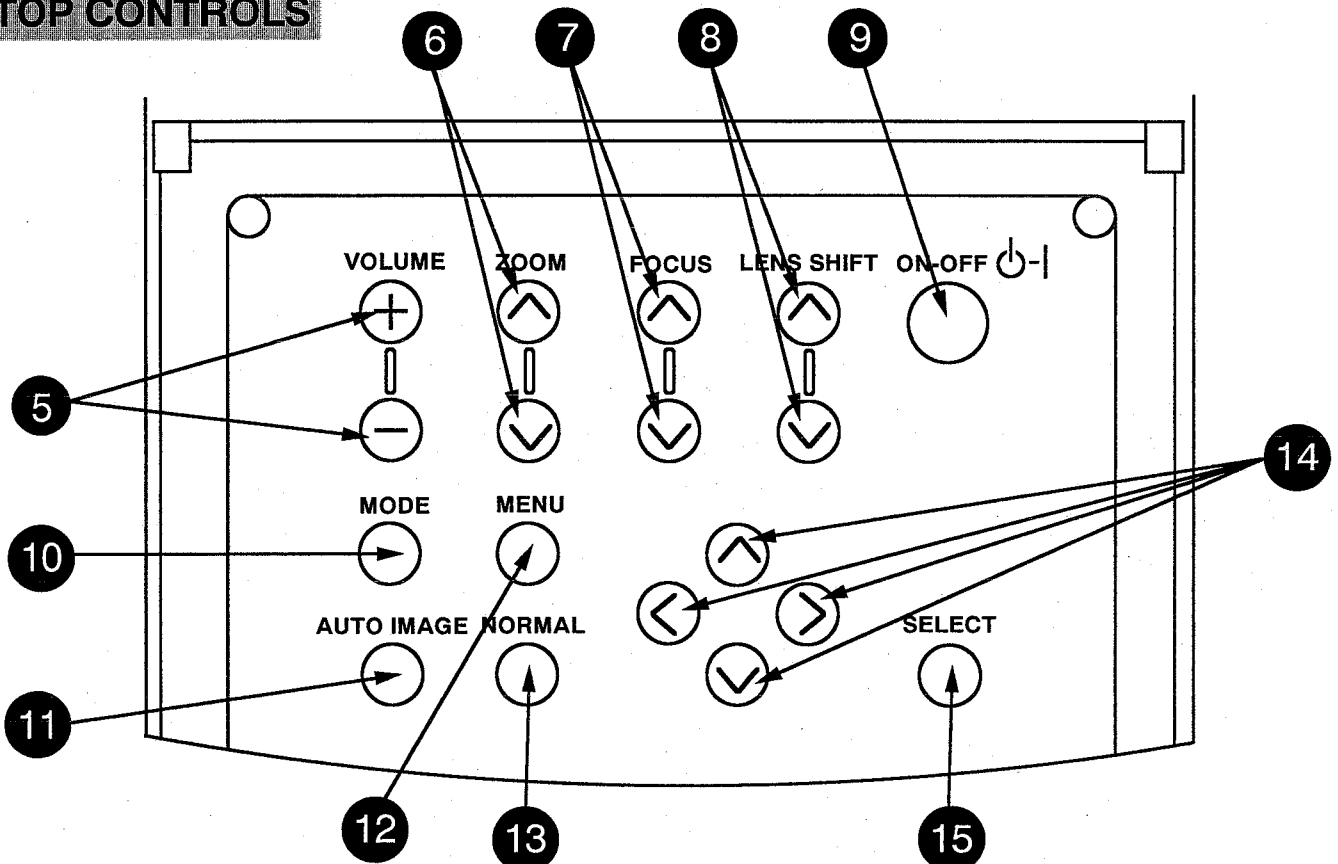
TOP OF THE PROJECTOR



FRONT INDICATORS

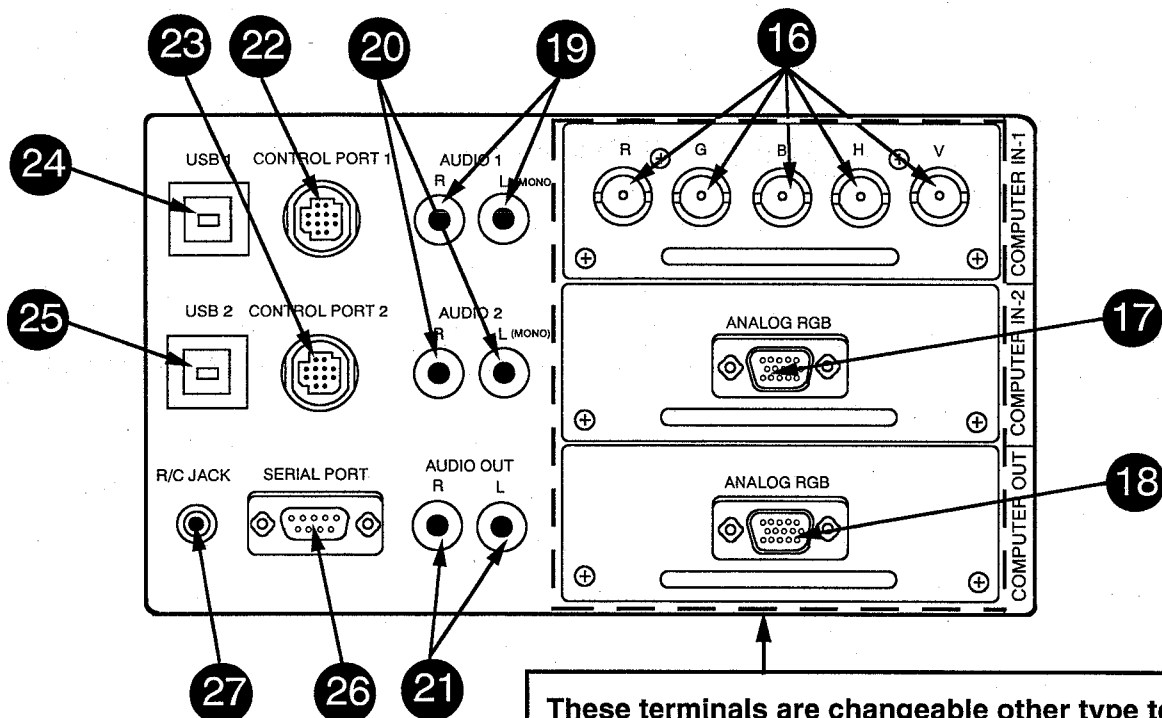


TOP CONTROLS



- 1 LAMP REPLACEMENT INDICATOR**
Light is orange when projection lamp is nearing end of service life.
- 2 TEMPERATURE WARNING INDICATOR**
Flashes red when internal projector temperature is too high.
- 3 READY INDICATOR**
Light is green when projector lamp is ready to be turned on.
- 4 LAMP POWER INDICATOR**
Light is dim when the projector is on.
Light is brightened when the projector is in stand-by mode.
- 5 VOLUME BUTTONS**
Used to adjust volume.
- 6 ZOOM BUTTONS**
Used to operate power zoom lens.
- 7 FOCUS BUTTONS**
Used to operate power focus system.
- 8 LENS SHIFT BUTTONS**
Used to operate power lens shift.
- 9 LAMP POWER ON/OFF BUTTON**
Used to turn projection lamp on or off.
- 10 MODE BUTTON**
Used to select source.
- 11 AUTO IMAGE BUTTON**
Used to operate the AUTO IMAGE function.
- 12 MENU BUTTON**
This button will activate the MENU operation.
Use this button, the POINT UP/DOWN/LEFT/RIGHT buttons and the SELECT button to make adjustments to the projector's setting in MENU operation.
- 13 NORMAL BUTTON**
Used to reset to normal picture adjustment preset by factory.
- 14 POINT UP/DOWN/LEFT/RIGHT BUTTONS**
To select an item on the MENU that you want to adjust. To select an item, move the arrow by pressing these buttons (UP, DOWN, LEFT or RIGHT).
- 15 SELECT BUTTON**
This button has different functions depending on when used. This button is used to execute the item selected, to increase or decrease the values in certain items such as CONTRAST or BRIGHTNESS.

SIDE OF THE PROJECTOR (CONNECT THE COMPUTER)



These terminals are changeable other type terminals. If you want to change the terminals, contact your authorized dealer or service station.

16 COMPUTER INPUT-1 JACKS (BNC TYPE × 5)
Used to connect a computer to the projector.

17 COMPUTER INPUT-2 TERMINAL (VGA HDB15)
Used to connect a computer to the projector.

18 MONITOR OUTPUT TERMINAL (VGA HDB15)
Used to connect a monitor to the projector.

19 COMPUTER AUDIO INPUT-1 JACKS (R and L)
Used to connect an audio output from the computer to the projector.

20 COMPUTER AUDIO INPUT-2 JACKS (R and L)
Used to connect an audio output from the computer to the projector.

21 COMPUTER AUDIO MONITOR OUTPUT JACKS (R and L)
Used to connect an audio input from audio equipment to the projector.

22 CONTROL PORT-1 CONNECTOR
Used to connect a mouse cable to the projector.

23 CONTROL PORT-2 CONNECTOR
Used to connect a mouse cable to the projector.

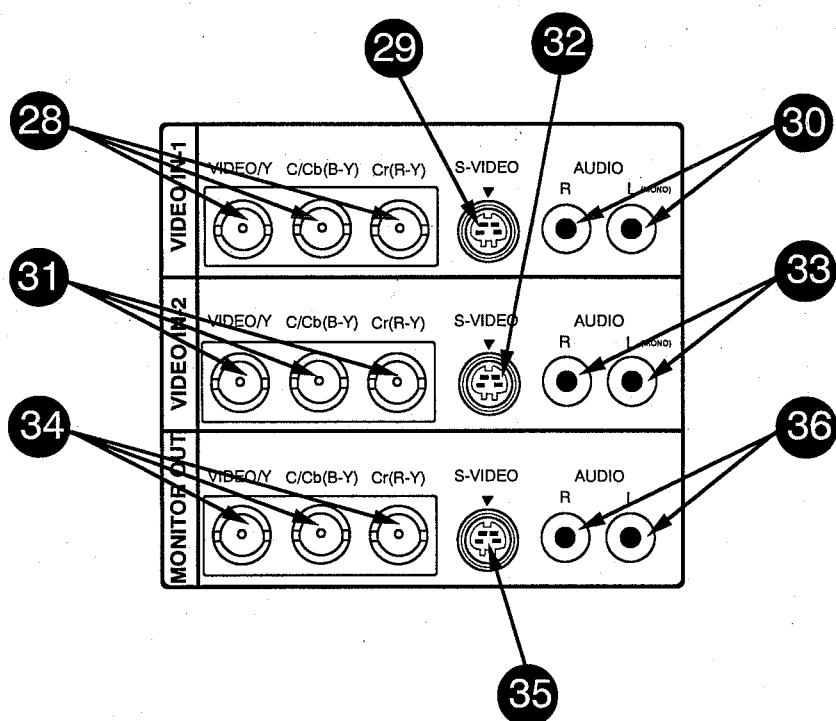
24 USB PORT-1 CONNECTOR
Used to connect a computer to the projector.

25 USB PORT-2 CONNECTOR
Used to connect a computer to the projector.

26 SERIAL PORT TERMINAL (DB9)
Used to connect a computer to the projector.

27 WIRED REMOTE JACK
When using the wired remote control, connect the remote cable to this jack.

SIDE OF THE PROJECTOR (CONNECT THE VIDEO EQUIPMENT)



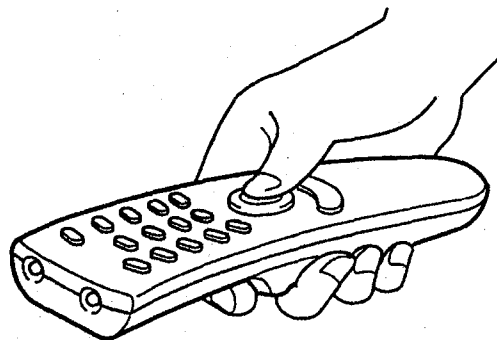
- 28 VIDEO INPUT JACKS-1 (BNC TYPE × 3)**
Used to connect a video source to the projector.
- 29 S-VIDEO INPUT JACK-1**
Used to connect a S-VHS video source to the projector.
- 30 AUDIO INPUT JACKS-1 (R and L)**
Used to connect an audio source to the projector.
- 31 VIDEO INPUT JACKS-2 (BNC TYPE × 3)**
Used to connect a video source to the projector.
- 32 S-VIDEO INPUT JACK-2**
Used to connect a S-VHS video source to the projector.
- 33 AUDIO INPUT JACKS-2 (R and L)**
Used to connect an audio source to the projector.
- 34 VIDEO MONITOR OUTPUT JACKS (BNC TYPE × 3)**
Permits video connection to a monitor.
- 35 VIDEO MONITOR (S-VIDEO) OUTPUT JACK**
Permits S-VHS video connection to a monitor.
- 36 AUDIO MONITOR OUTPUT JACKS (R and L)**
Permits audio connection to a monitor.

OPERATION OF REMOTE CONTROL (Wireless)

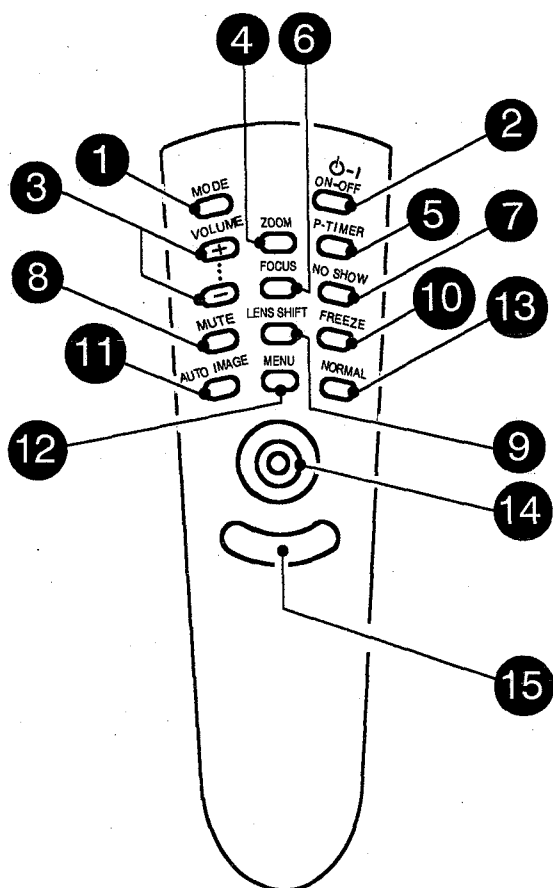
This remote control unit is not only able to operate the projector but also usable as a wireless mouse for a PC. One pointing pad and two click buttons are used for wireless mouse operation.

Wireless mouse is usable when PC mouse pointer is displayed on the screen. When the menu or indicator of the projector is displayed on the screen instead of the PC mouse pointer, the wireless mouse cannot be used.

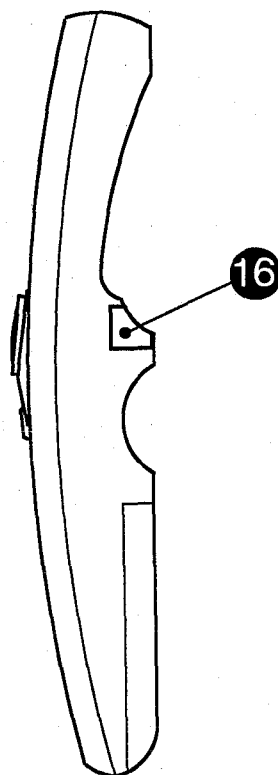
NOTE: To use the unit as a PC wireless mouse, connect the projector to the PC with the attached cable. Signals from the projector are transmitted to the PC, enabling the remote control unit of the projector to be used as a PC wireless mouse.



FRONT



SIDE



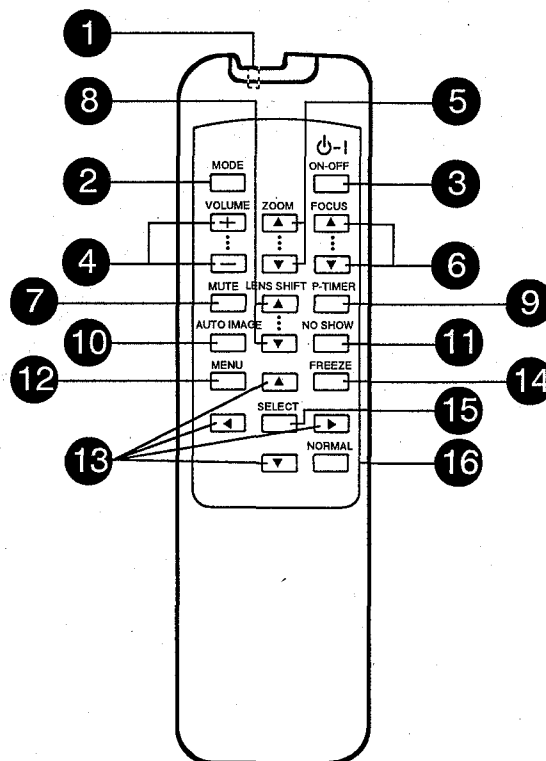
- 1 MODE BUTTON**
Used to select source.
- 2 LAMP POWER ON/OFF BUTTON**
Used to turn the projection lamp on or off.
- 3 VOLUME BUTTONS**
Used to adjust volume.
- 4 ZOOM BUTTON**
Used to select power zoom lens adjust.
- 5 P-TIMER BUTTON**
Used to operate the P-TIMER function.
- 6 FOCUS BUTTON**
Used to select focus adjust.
- 7 NO SHOW BUTTON**
Used to change the screen into black image.
- 8 SOUND MUTE BUTTON**
Used to mute sound.
- 9 LENS SHIFT BUTTON**
Used to select power lens shift.
- 10 FREEZE BUTTON**
Use this button to freeze on-screen image.
- 11 AUTO IMAGE BUTTON**
Used to operate the AUTO IMAGE function.
- 12 MENU BUTTON**
This button will activate the MENU operation. Use this button, the POINT UP/DOWN/LEFT/RIGHT button and the SELECT (REAR CLICK) button to make adjustments to the projector's setting in MENU operation.
- 13 NORMAL BUTTON**
Use to reset to normal picture adjustment preset by factory.
- 14 POINTING PAD
(POINT UP/DOWN/LEFT/RIGHT BUTTON)**
When in use as a remote for the projector.
To select an item on the MENU that you want to adjust. To select an item, move the arrow by pressing the pad upward, downward, leftward or rightward.
Used to operate power zoom lens, power focus system or power lens shift by pressing the pad either upward or downward.

When in use as a wireless mouse
Used to move the pointer. The pointer is moved according to the direction you are pressing.
- 15 FRONT CLICK BUTTON**
This button has the same function as the right button in a PC mouse. Pressing this button does not affect any operation when in MENU mode.
- 16 SELECT (REAR CLICK) BUTTON**
When in use as a remote for the projector.
This button has different functions depending on when used. This button is used to execute the item selected, to increase or decrease the values in certain items such as CONTRAST or BRIGHTNESS.

When in use as a wireless mouse
This button has the same function as the left button in a PC mouse.

OPERATION OF REMOTE CONTROL (Wireless/Wired)

- 1 WIRED REMOTE JACK**
When using the wired remote control, connect the remote cable to this jack.
- 2 MODE BUTTON**
Used to select source.
- 3 LAMP POWER ON/OFF BUTTON**
Used to turn projection lamp on or off.
- 4 VOLUME BUTTONS**
Used to adjust volume.
- 5 ZOOM BUTTONS**
Used to operate power zoom lens.
- 6 FOCUS BUTTONS**
Used to operate power focus system.
- 7 SOUND MUTE BUTTON**
Used to mute sound.
- 8 LENS SHIFT BUTTONS**
Used to operate power lens shift.
- 9 P-TIMER BUTTON**
Used to operate the P-TIMER function.
- 10 AUTO IMAGE BUTTON**
Used to operate the AUTO IMAGE function.
- 11 NO SHOW BUTTON**
Used to change the screen into black image.
- 12 MENU BUTTON**
This button will activate the MENU operation.
Use this button, the POINT UP/DOWN/LEFT/RIGHT buttons and the SELECT button to make adjustments to the projector's setting in MENU operation.
- 13 POINT UP/DOWN/LEFT/RIGHT BUTTONS**
To select an item on the MENU that you want to adjust. To select an item, move the arrow by pressing these buttons (UP, DOWN, LEFT or RIGHT).
- 14 FREEZE BUTTON**
Use this button to freeze on-screen image.
- 15 SELECT BUTTON**
This button has different functions depending on when used. This button is used to execute the item selected, to increase or decrease the values in certain items such as CONTRAST or BRIGHTNESS.
- 16 NORMAL BUTTON**
Used to reset to normal picture adjustment preset by factory.



COMPATIBLE COMPUTER SPECIFICATIONS

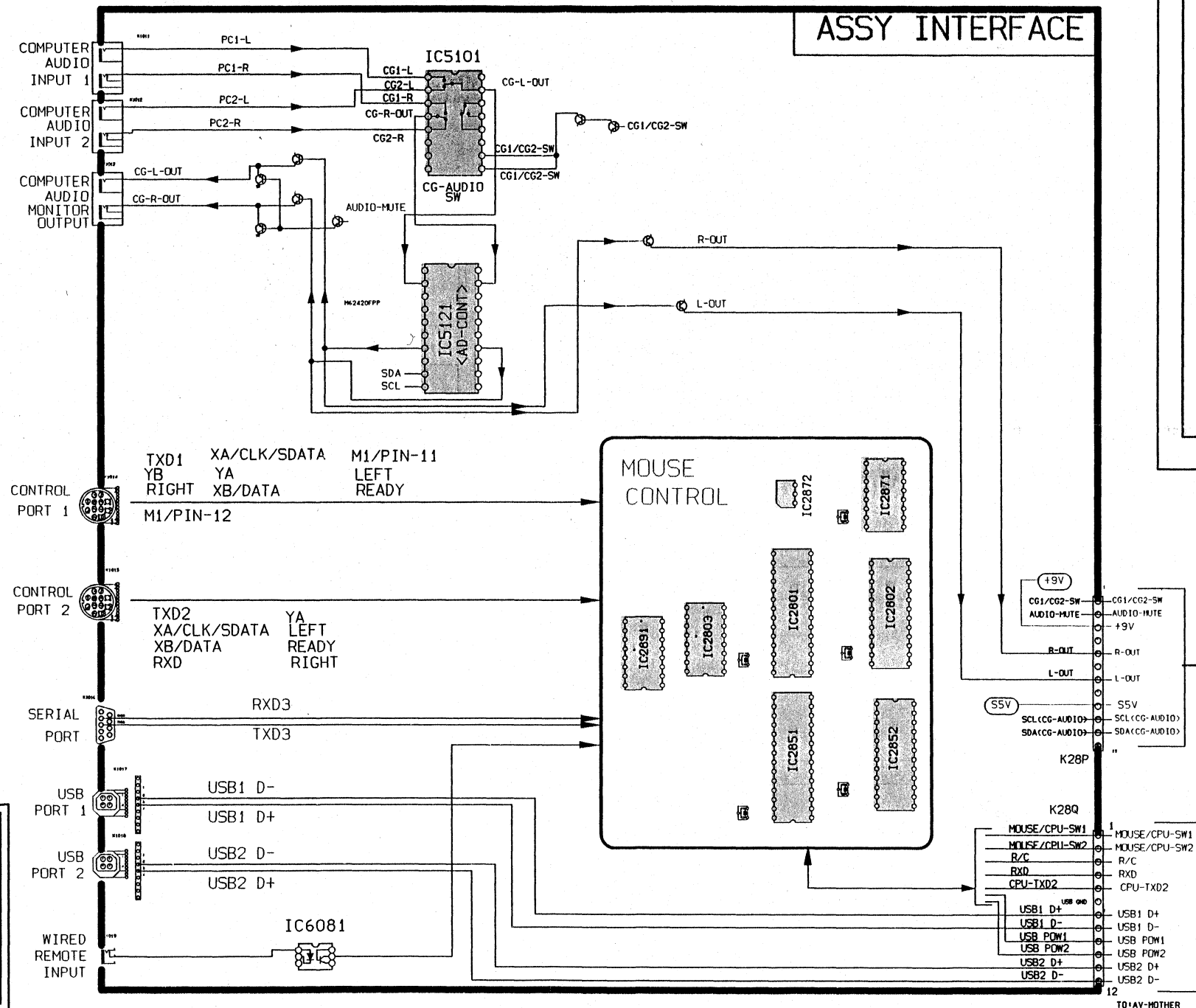
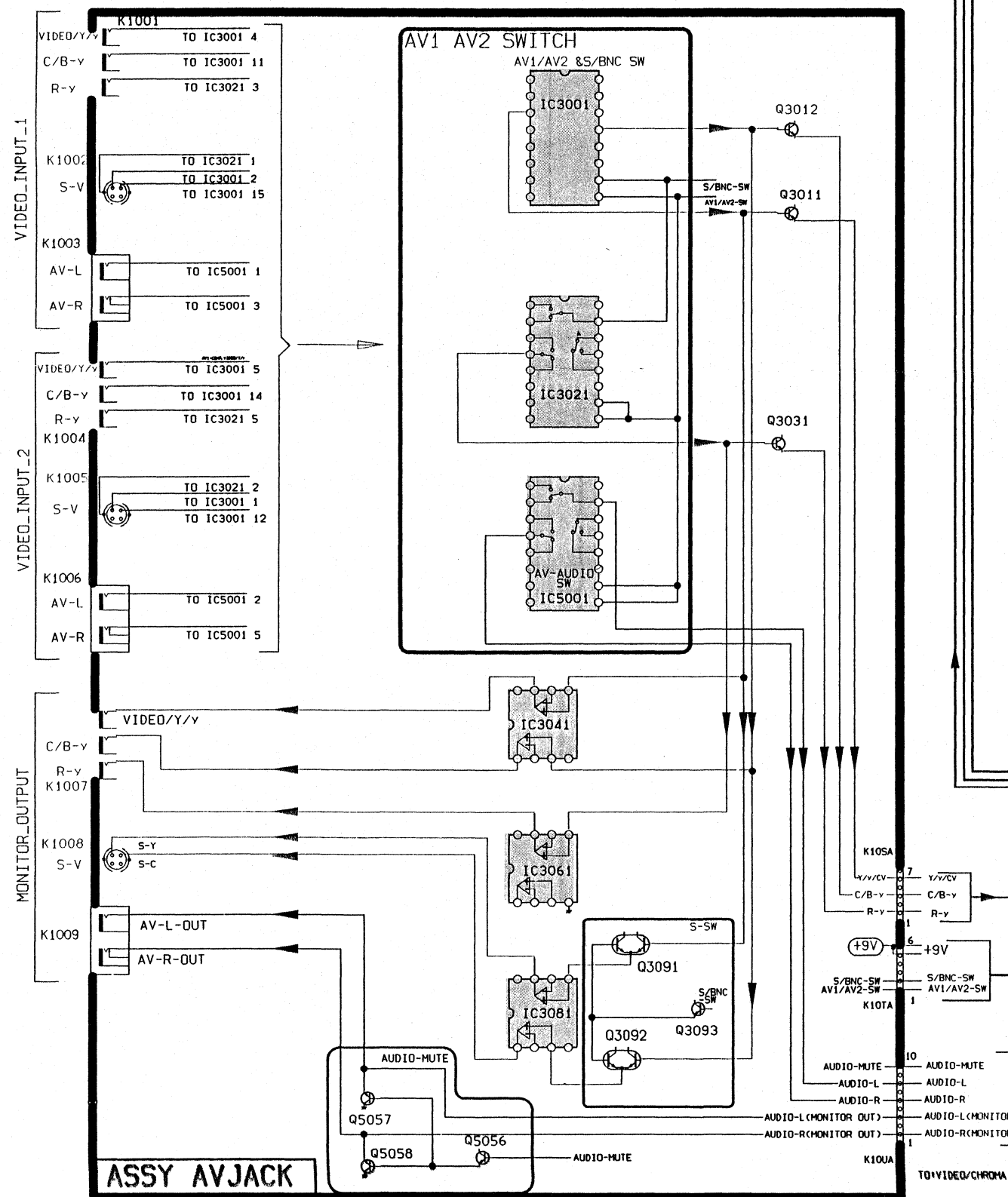
| ON-SCREEN DISPLAY | RESOLUTION | H-Freq. (kHz) | V-Freq. (Hz) | ON-SCREEN DISPLAY | RESOLUTION | H-Freq. (kHz) | V-Freq. (Hz) |
|----------------------|------------|------------------|-----------------|----------------------|-------------|------------------|----------------------|
| VGA1 | 640 × 480 | 31.47 | 59.88 | XGA9 | 1024 × 768 | 36.00 | 87.17 (Interlace) |
| VGA2 | 720 × 400 | 31.47 | 70.09 | XGA10 | 1024 × 768 | 62.04 | 77.07 |
| VGA3 | 640 × 400 | 31.47 | 70.09 | XGA11 | 1024 × 768 | 61.00 | 75.70 |
| VGA4 | 640 × 480 | 37.86 | 74.38 | XGA12 | 1024 × 768 | 35.522 | 86.96 (Interlace) |
| VGA5 | 640 × 480 | 37.86 | 72.81 | XGA13 | 1024 × 768 | 46.90 | 58.20 |
| VGA6 | 640 × 480 | 37.50 | 75.00 | XGA14 | 1024 × 768 | 47.00 | 58.30 |
| MAC LC13 | 640 × 480 | 34.97 | 66.60 | MAC19 | 1024 × 768 | 60.24 | 75.08 |
| MAC 13 | 640 × 480 | 35.00 | 66.67 | SXGA1 | 1152 × 864 | 64.20 | 70.40 |
| PC98 | 640 × 400 | 24.83 | 56.42 | SXGA2 | 1280 × 1024 | 62.50 | 58.60 |
| FM TOWNS | 640 × 400 | 24.38 | 55.40 | SXGA3 | 1280 × 1024 | 63.90 | 60.00 |
| SVGA1 | 800 × 600 | 35.156 | 56.25 | SXGA4 | 1280 × 1024 | 63.34 | 59.98 |
| SVGA2 | 800 × 600 | 37.88 | 60.32 | SXGA5 | 1280 × 1024 | 63.74 | 60.01 |
| SVGA3 | 800 × 600 | 46.875 | 75.00 | SXGA6 | 1280 × 1024 | 71.69 | 67.19 |
| SVGA4 | 800 × 600 | 53.674 | 85.06 | SXGA7 | 1280 × 1024 | 81.13 | 76.107 |
| SVGA5 | 800 × 600 | 48.08 | 72.19 | SXGA8 | 1280 × 1024 | 63.98 | 60.02 |
| SVGA6 | 800 × 600 | 37.90 | 61.03 | SXGA9 | 1280 × 1024 | 79.976 | 75.025 |
| SVGA7 | 800 × 600 | 34.50 | 55.38 | SXGA10 | 1280 × 960 | 60.00 | 60.00 |
| SVGA8 | 800 × 600 | 38.00 | 60.51 | SXGA11 | 1152 × 900 | 61.20 | 65.20 |
| SVGA9 | 800 × 600 | 38.60 | 60.31 | SXGA12 | 1152 × 900 | 71.40 | 75.60 |
| SVGA10 | 800 × 600 | 47.90 | 71.92 | SXGA13 | 1280 × 1024 | 50.00 | 86.00 (Interlace) |
| SVGA11 | 800 × 600 | 32.70 | 51.09 | SXGA14 | 1280 × 1024 | 50.00 | 94.00 (Interlace) |
| SVGA12 | 800 × 600 | 38.00 | 60.51 | SXGA15 | 1280 × 1024 | 63.37 | 60.01 |
| MAC 16 | 832 × 624 | 49.72 | 74.55 | SXGA16 | 1280 × 1024 | 76.97 | 72.00 |
| XGA1 | 1024 × 768 | 48.36 | 60.00 | SXGA17 | 1152 × 900 | 61.85 | 66.00 |
| XGA2 | 1024 × 768 | 68.677 | 84.997 | SXGA18 | 1280 × 1024 | 46.43 | 86.70 (Interlace) |
| XGA3 | 1024 × 768 | 60.023 | 75.03 | SXGA19 | 1280 × 1024 | 63.79 | 60.18 |
| XGA4 | 1024 × 768 | 56.47 | 70.07 | MAC21 | 1152 × 870 | 68.68 | 75.06 |
| XGA5 | 1024 × 768 | 60.31 | 74.92 | MAC | 1280 × 960 | 75.00 | 75.08 |
| XGA6 | 1024 × 768 | 48.50 | 60.02 | MAC | 1280 × 1024 | 80.00 | 75.08 |
| XGA7 | 1024 × 768 | 44.00 | 54.58 | | | | |
| XGA8 | 1024 × 768 | 63.48 | 79.35 | | | | |

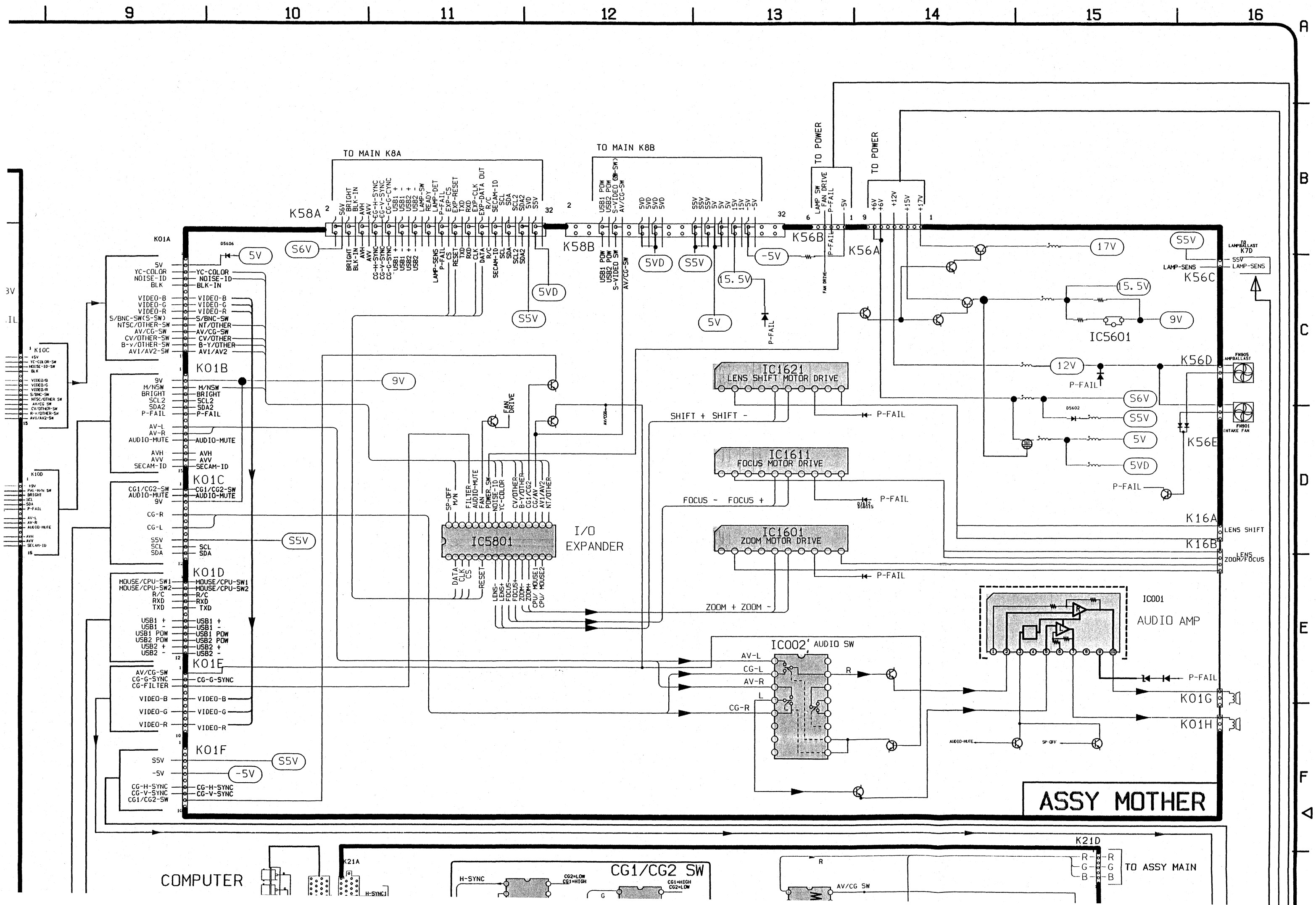
Specifications are subject to change without notice.

① PLC-9000/9000E/9005E/9005B REVISED
Reference. NO. SM525052

[illegible]

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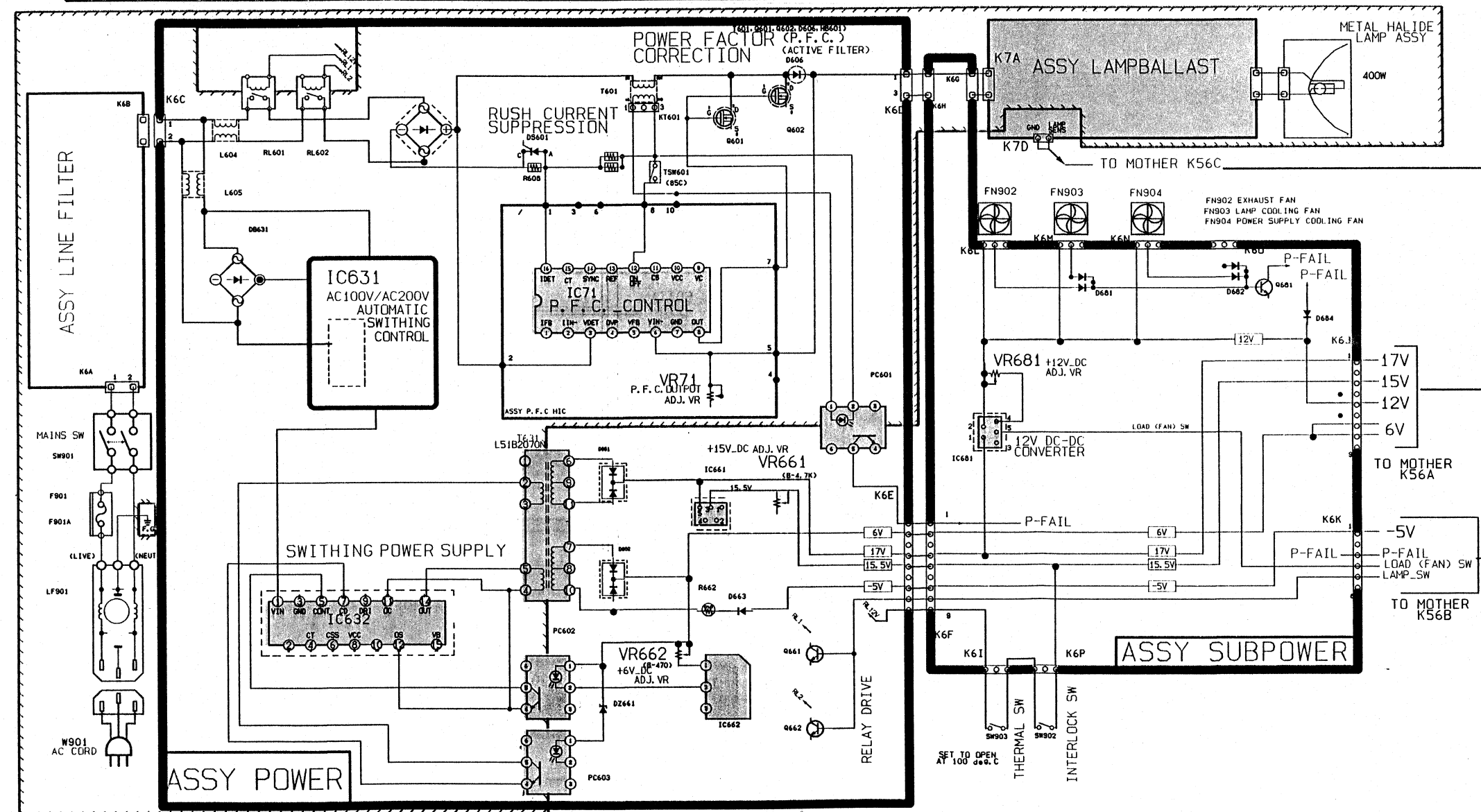
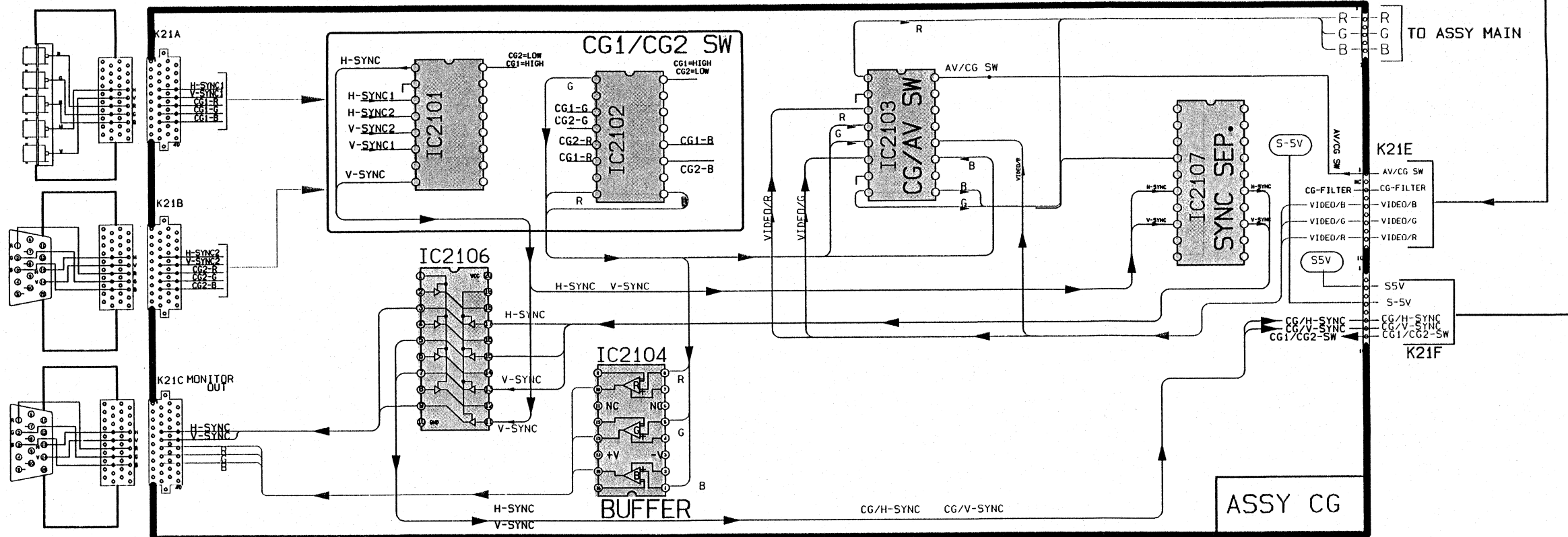




ACE

COMPUTER
INPUT 1COMPUTER
INPUT 2MONITOR
OUTPUT

CG1/CG2-SW
AUDIO-MUTE
+9V
R-OUT
L-OUT
S5V
SCL(CG-AUDIO)
SDA(CG-AUDIO)
K28P
K28Q
USE/CPU-SW1
USE/CPU-SW2
C
R/C
RXD
CPU-TXD2
USB1 D+
USB1 D-
USB POW1
USB POW2
USB2 D+
USB2 D-
12
TO AV-MOTHER



9

10

11

12

13

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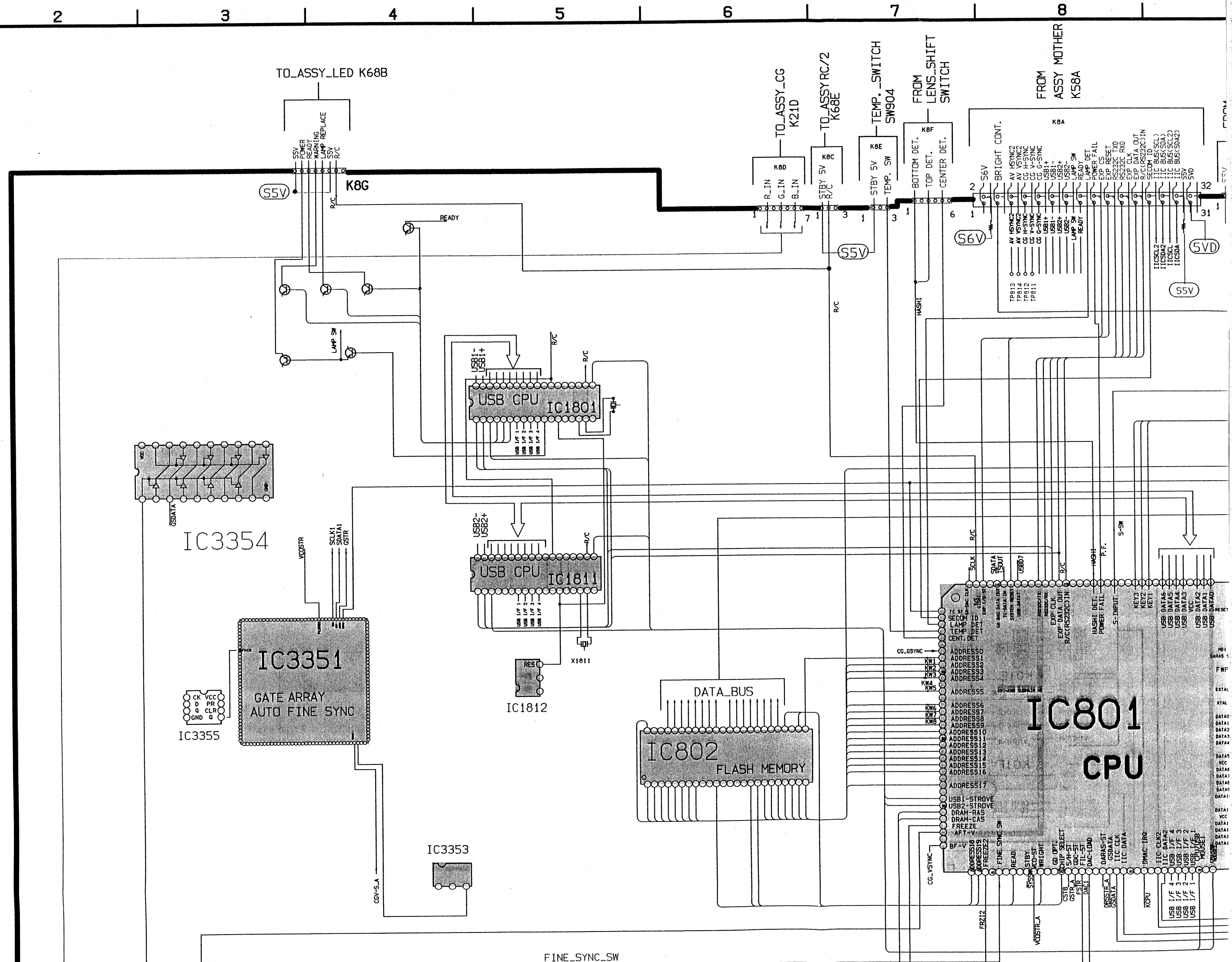
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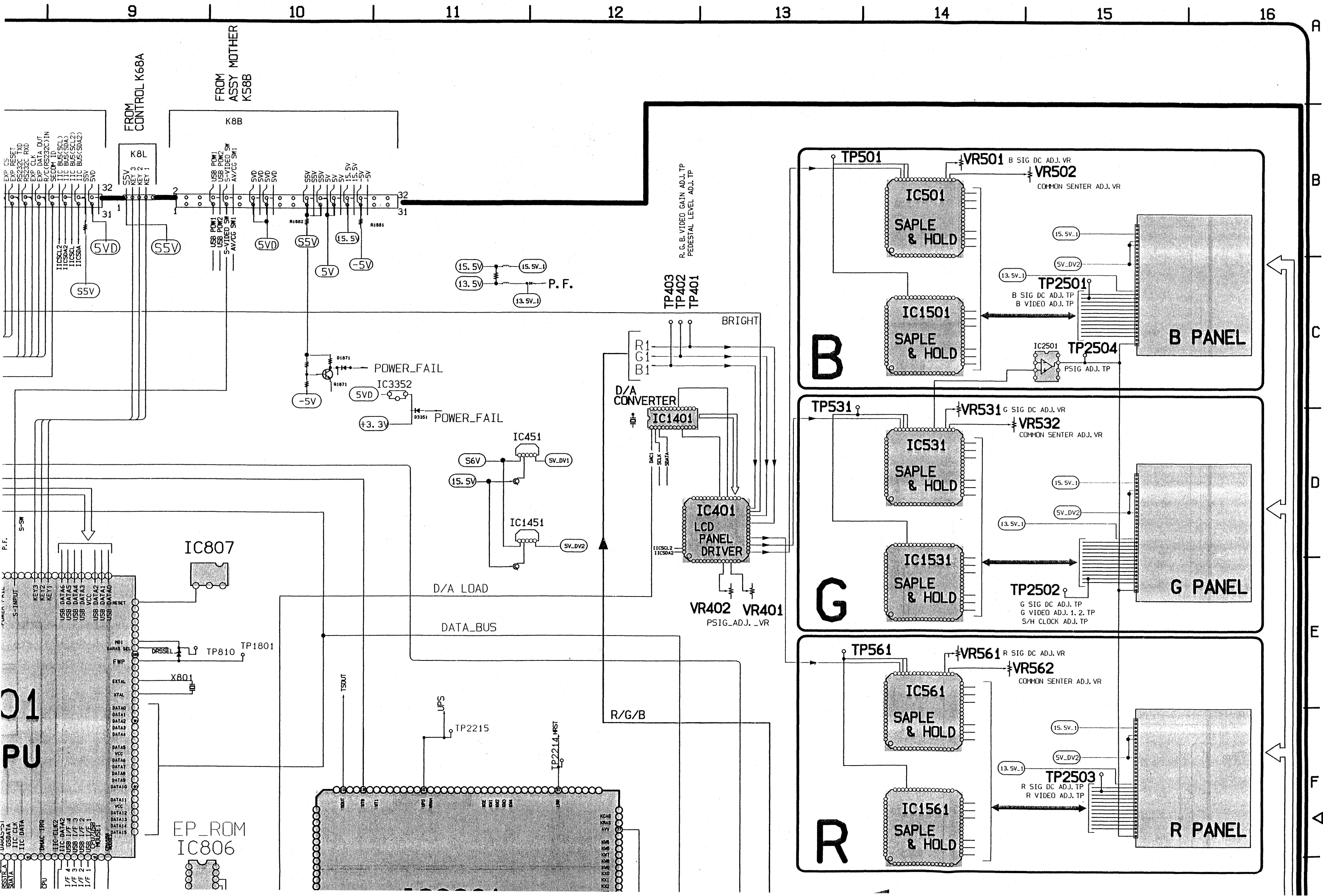
BLOCK_M7E_01B

16

98E

B2

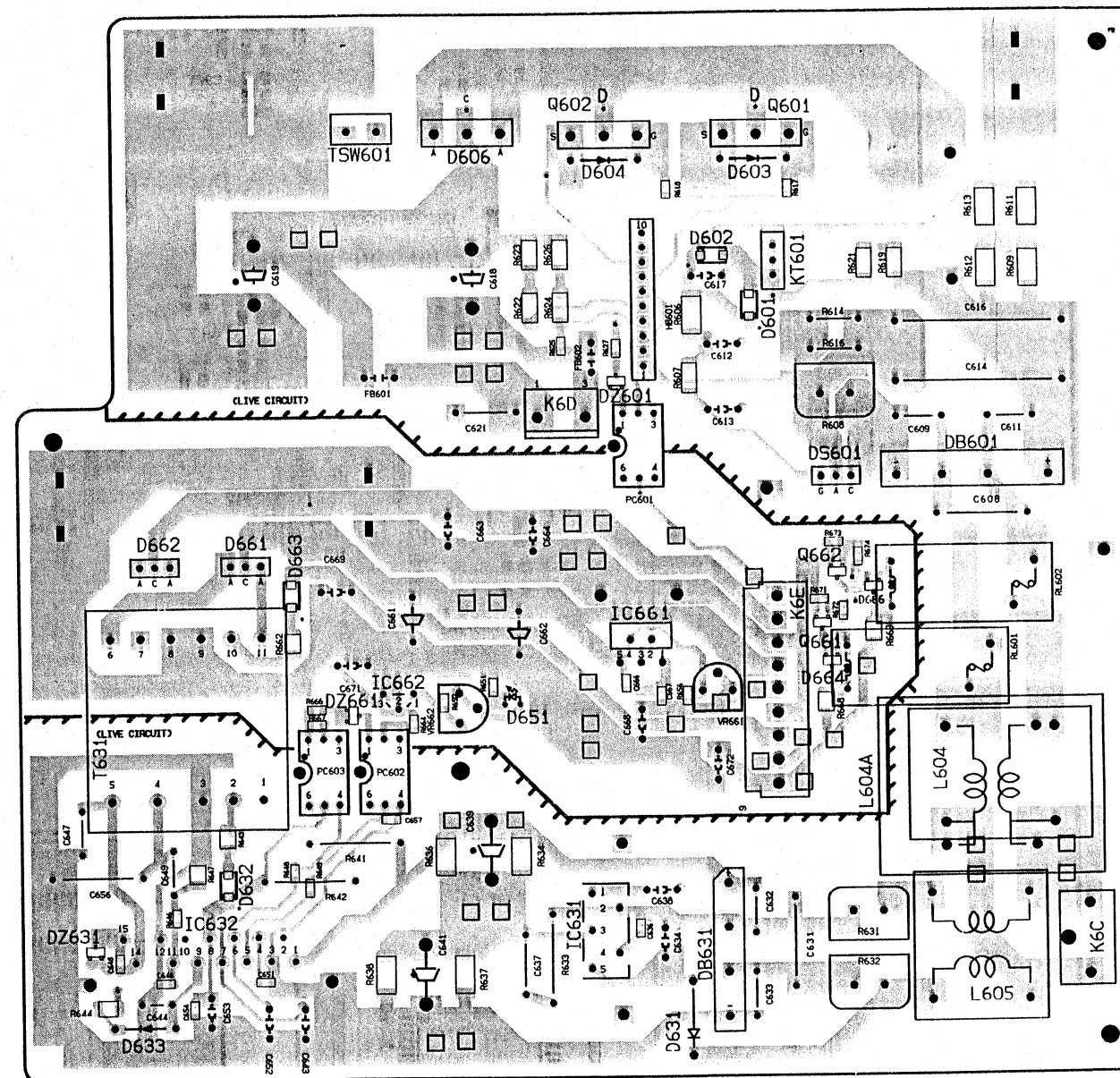




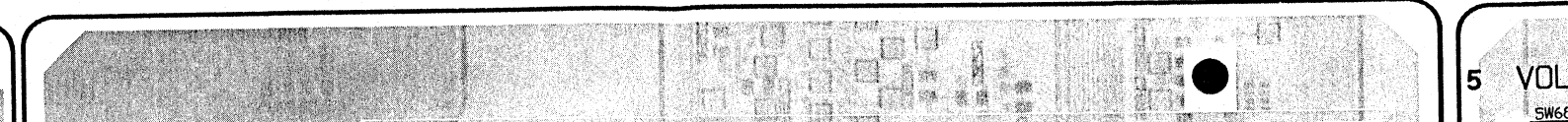
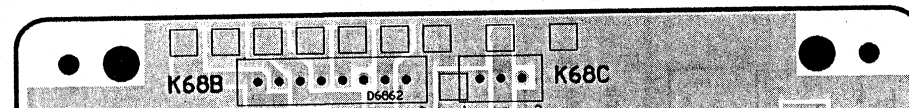
POWER BOARD

FILTER BOARD

LED BOARD



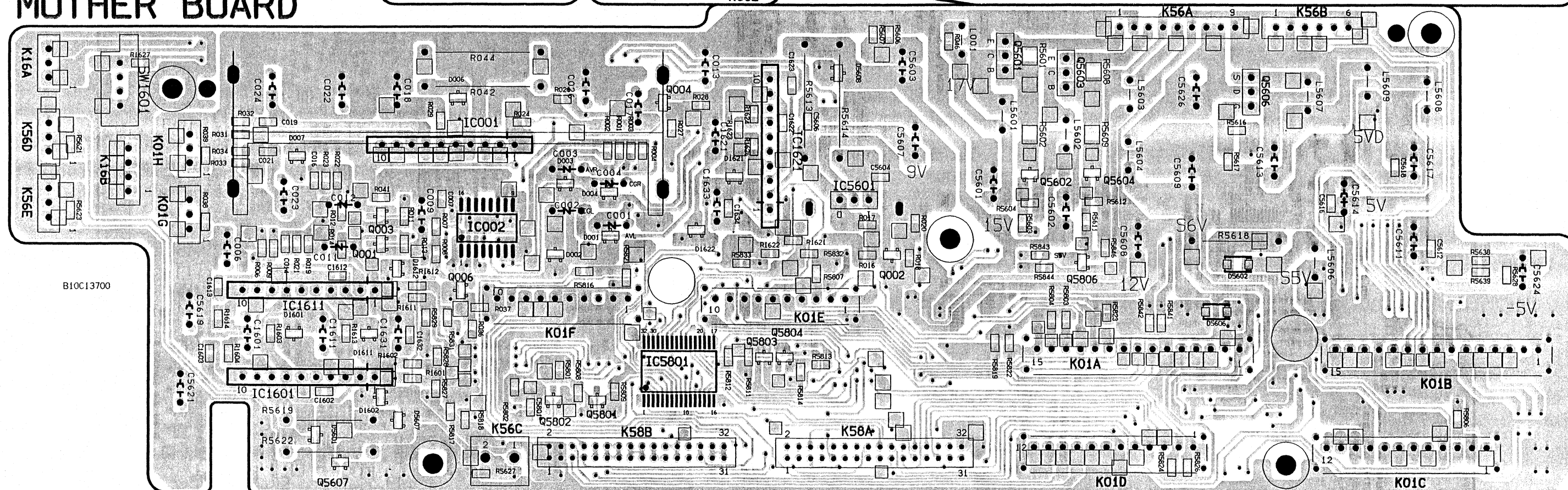
CONTROL BOARD



P. F. C. HIC

RC/1
RC/2

MOTHER BOARD



5 VOL

SW6816

☐

R6817

VOL

SW6817

☐

R6818

MODE

SW6818

☐

R6819

AUTO IN

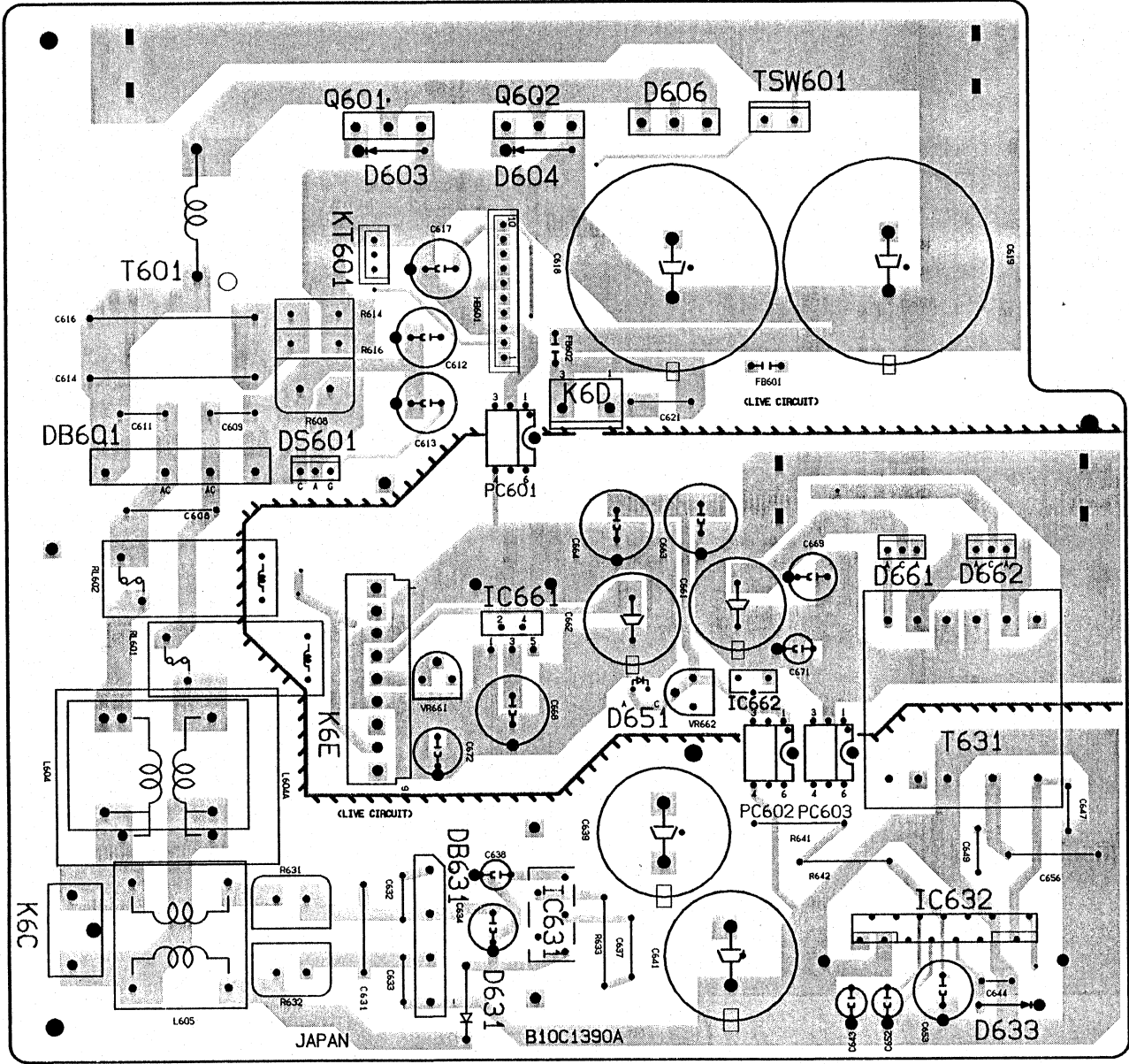
SW6822

☐

R6824

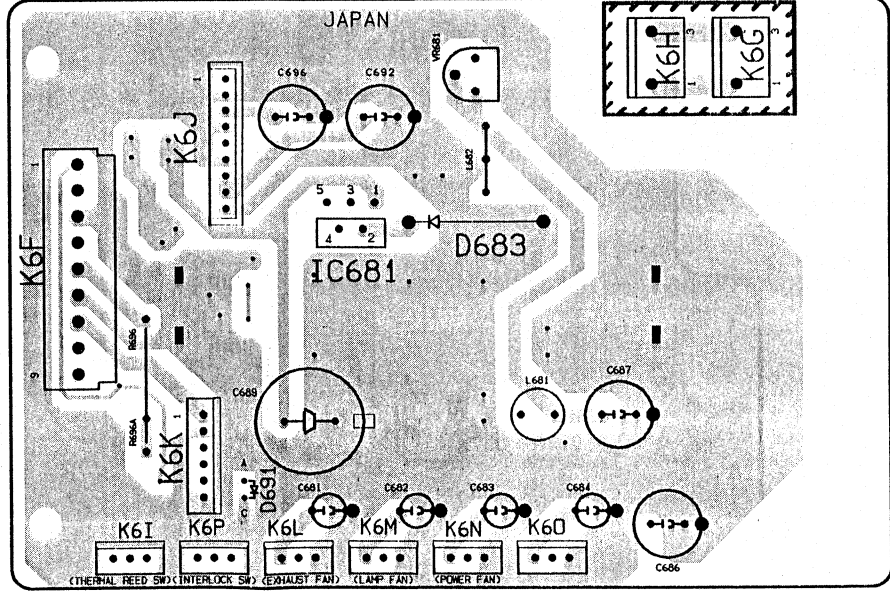
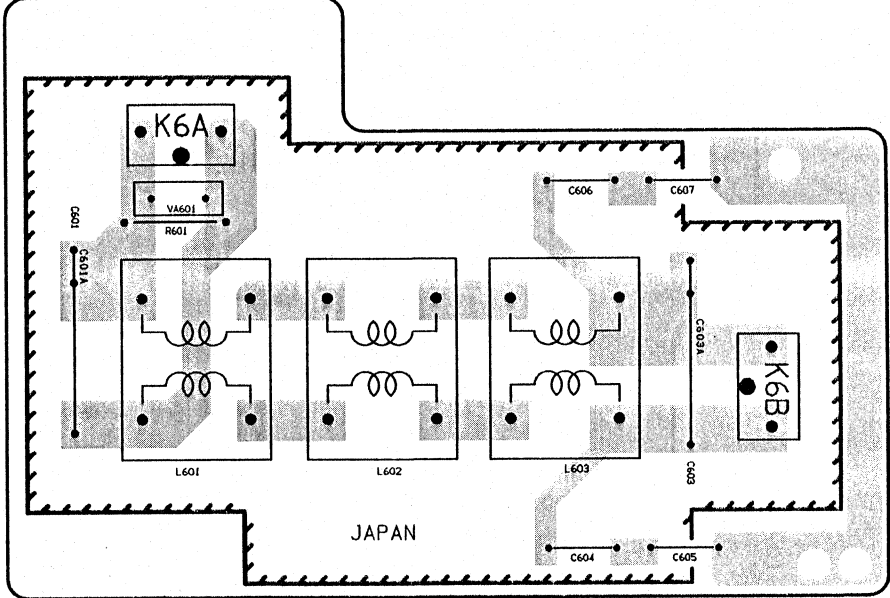
COMPONENT (A)SIDE

POWER BOARD



1AA4B10C13900

LINE FILTER BOARD



SUB POWER BOARD

CONTROL BOARD

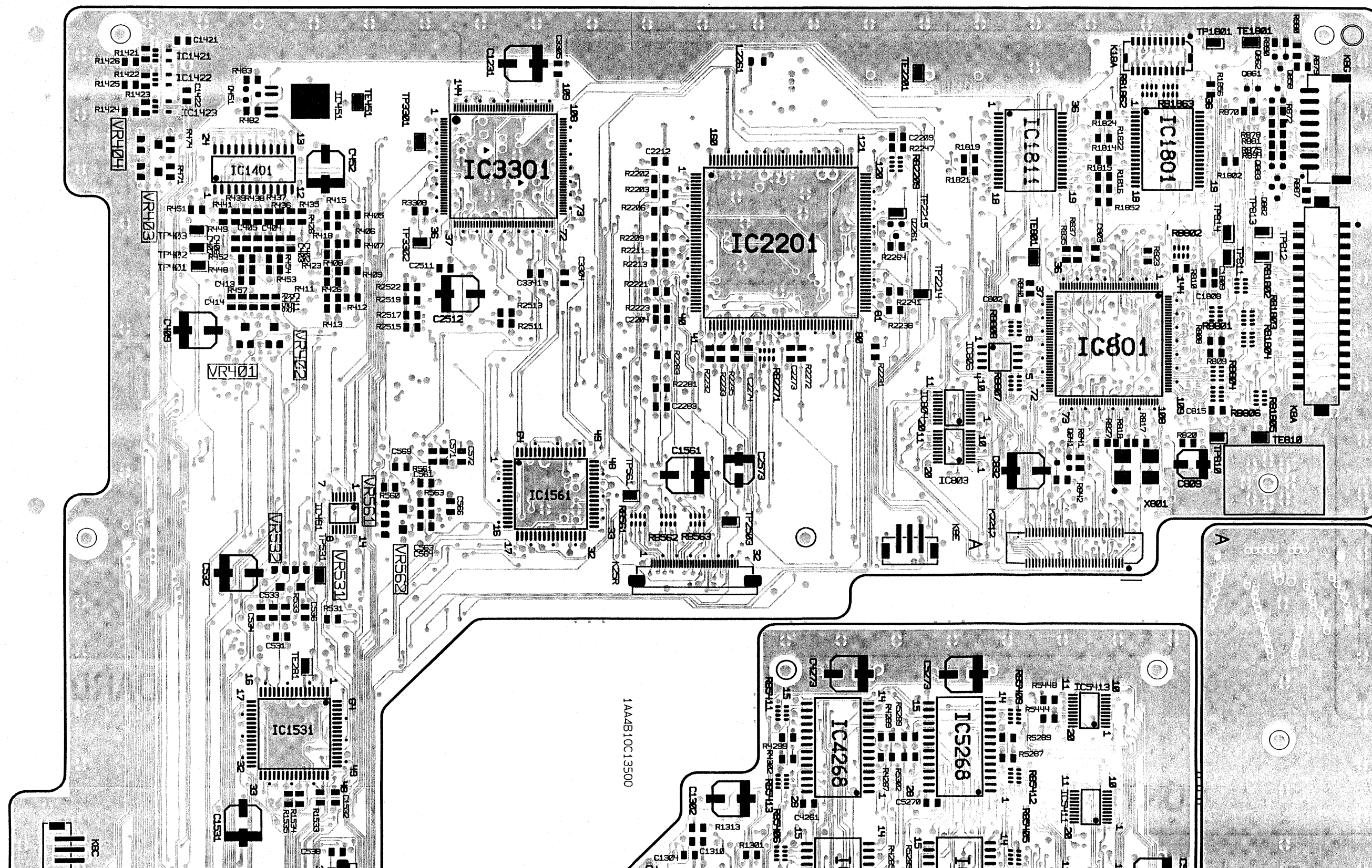
LED BOARD

P2

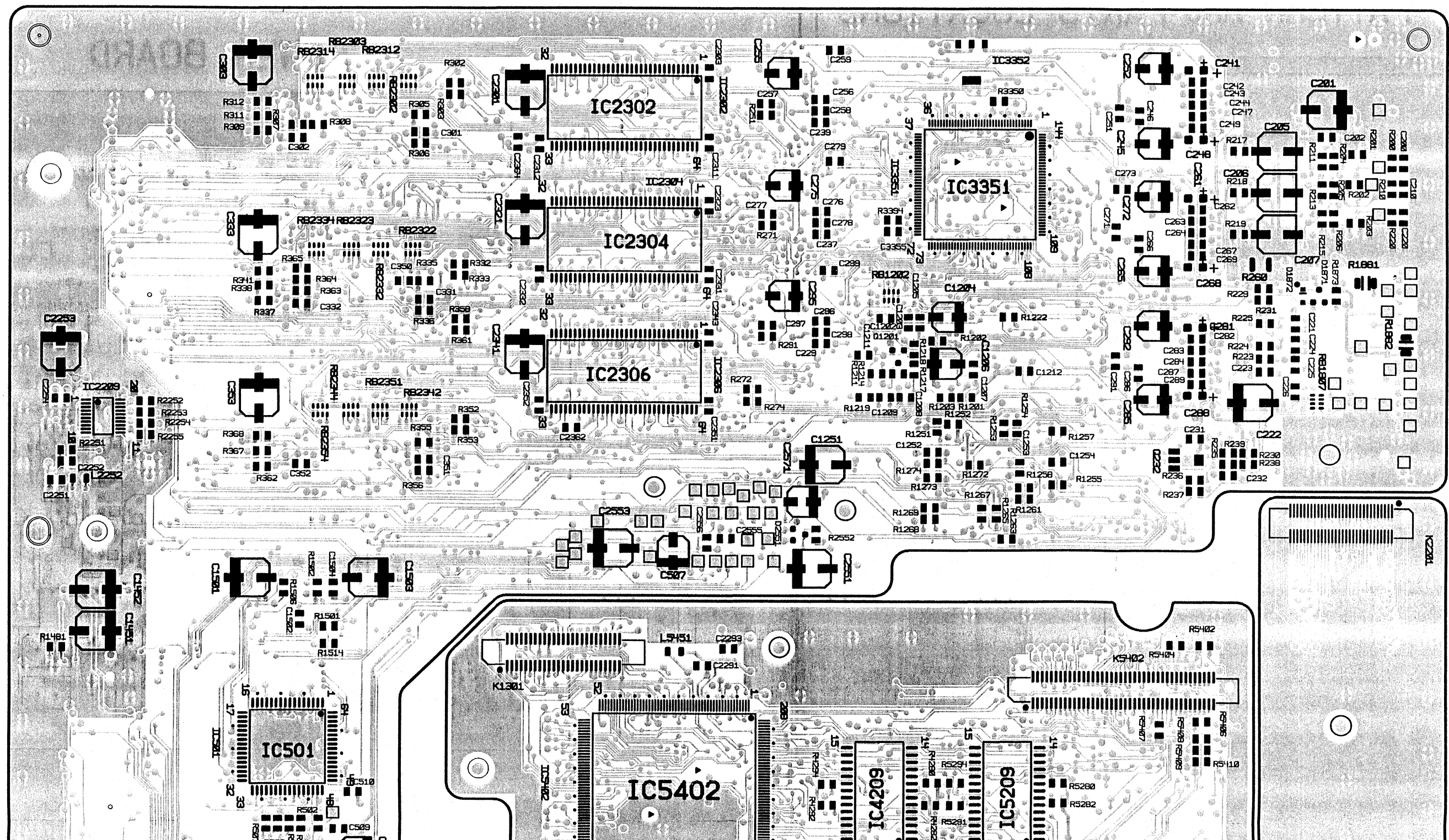
PCB PATTERN AND PARTS LOCATIONS

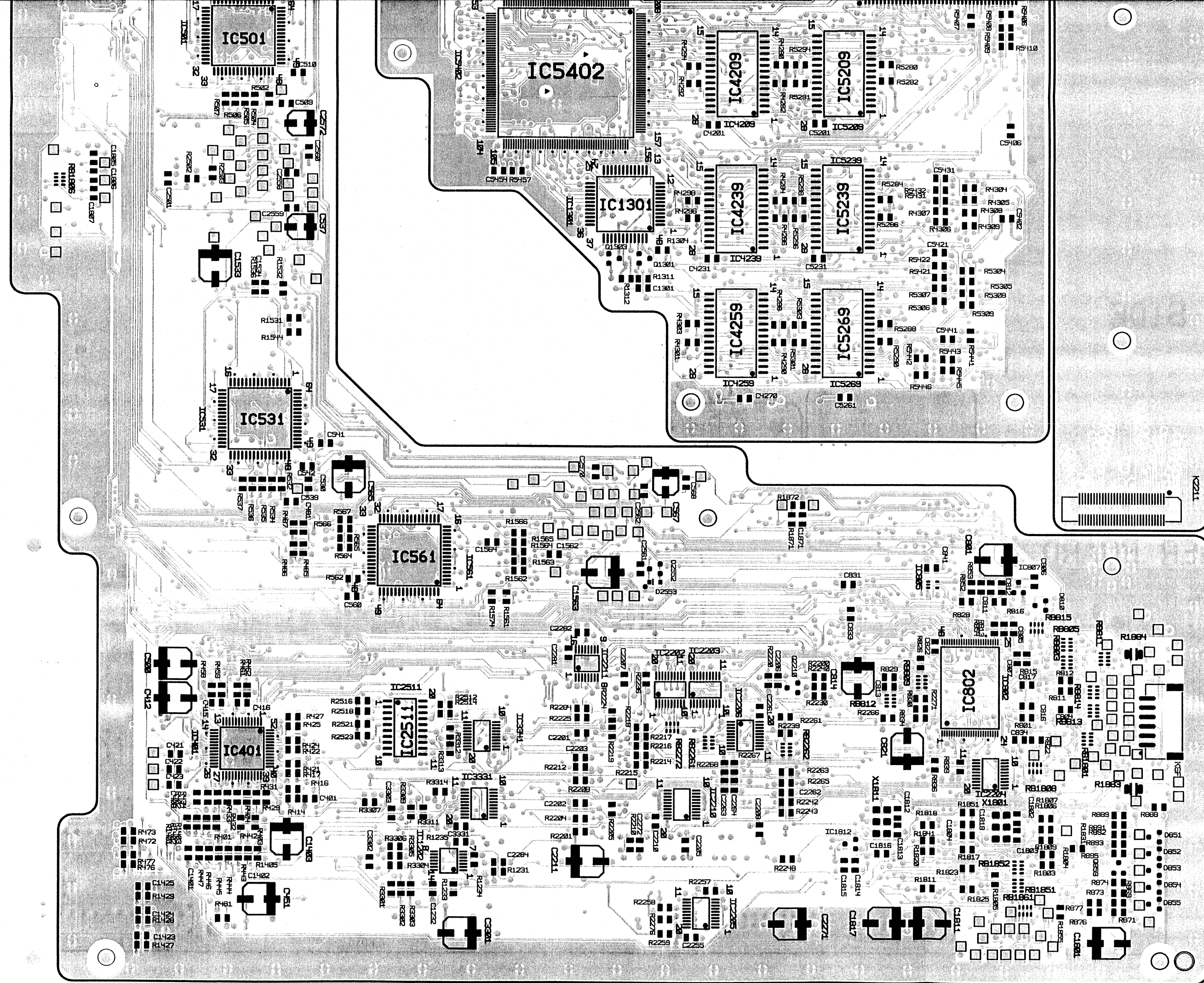
MAIN BOARD

COMPONENT(A) SIDE



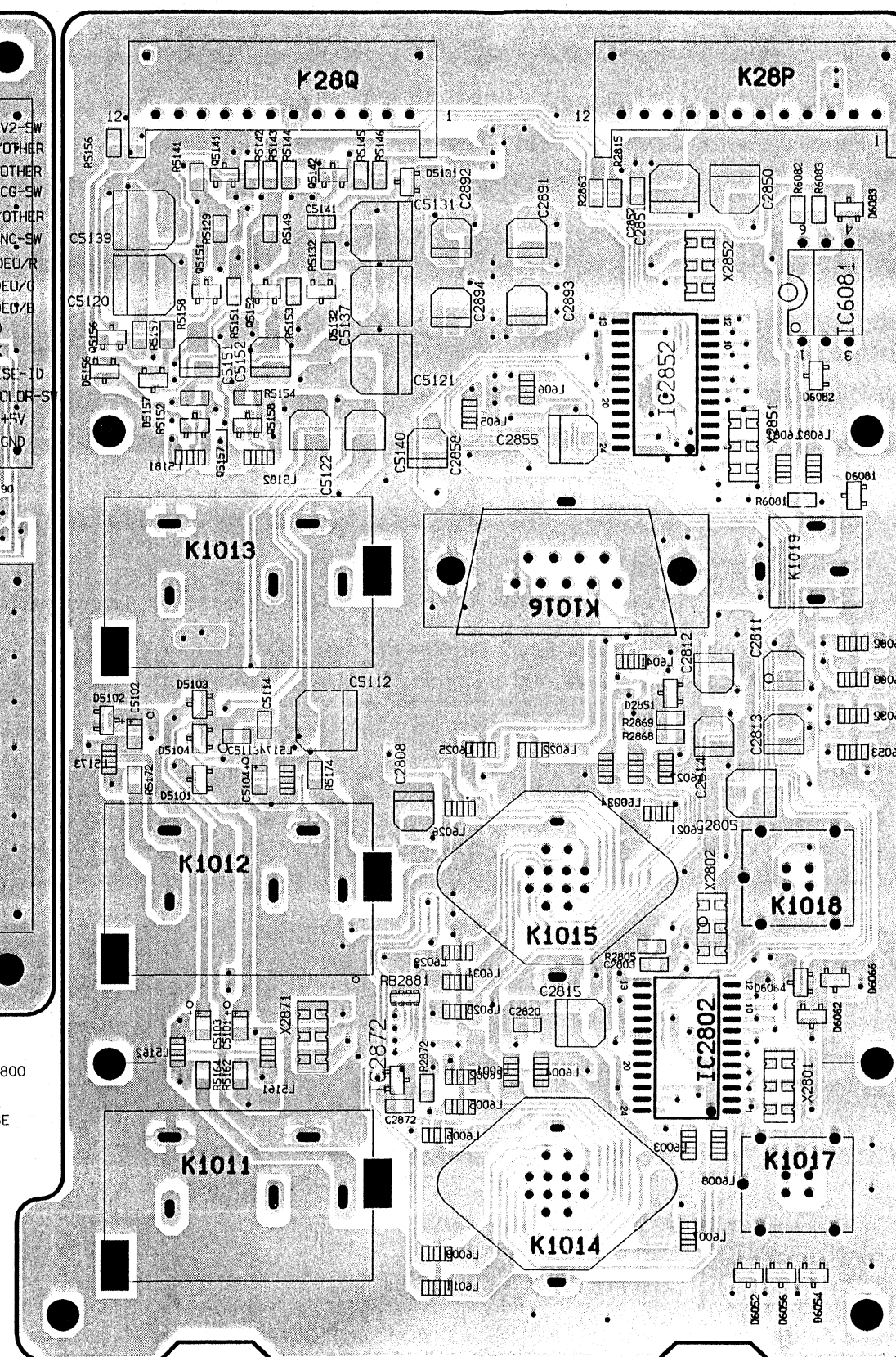
MAIN BOARD B SIDE





3

COMPONENT (A)SIDE INTERFACE BOARD



K1001

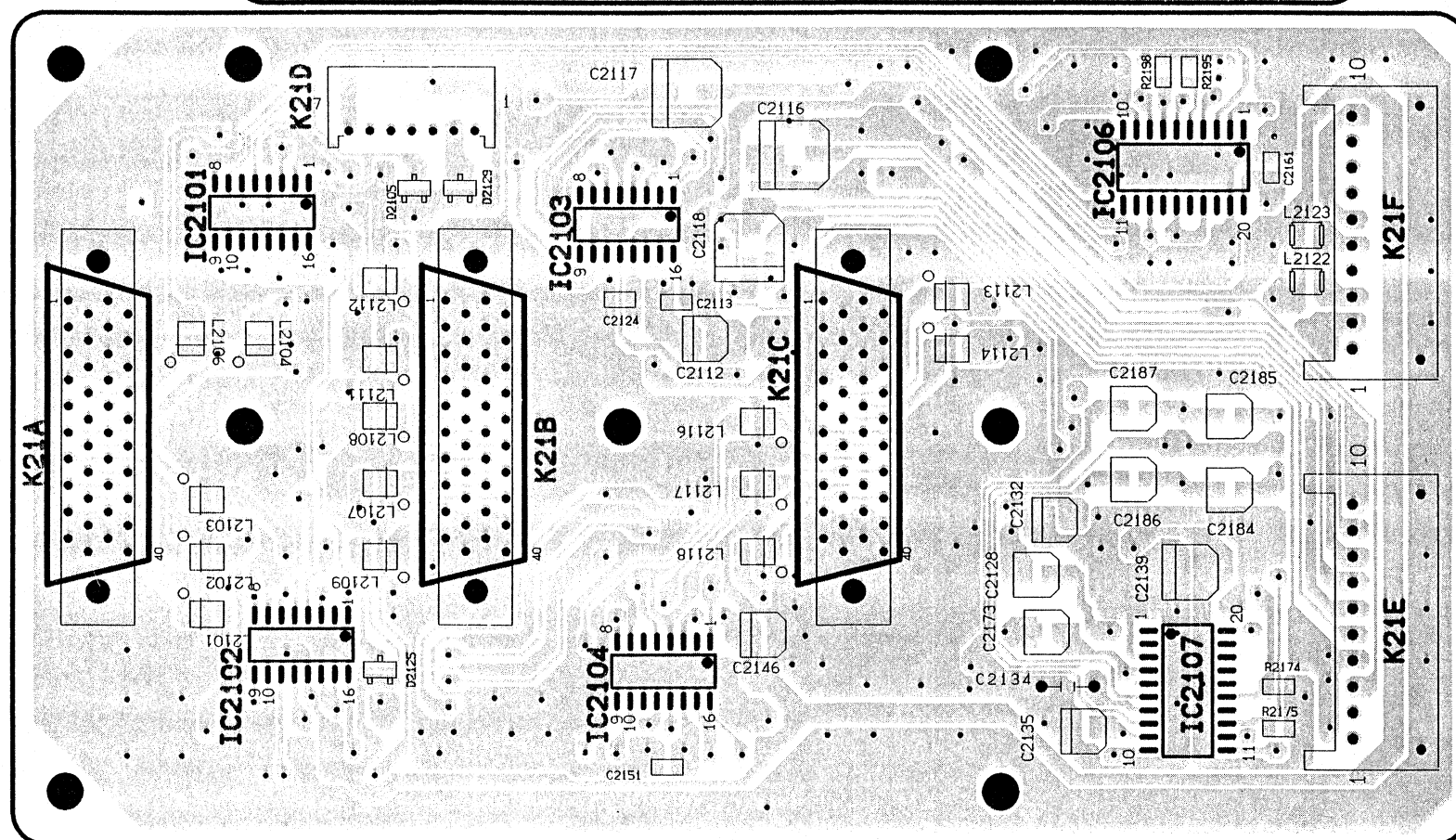
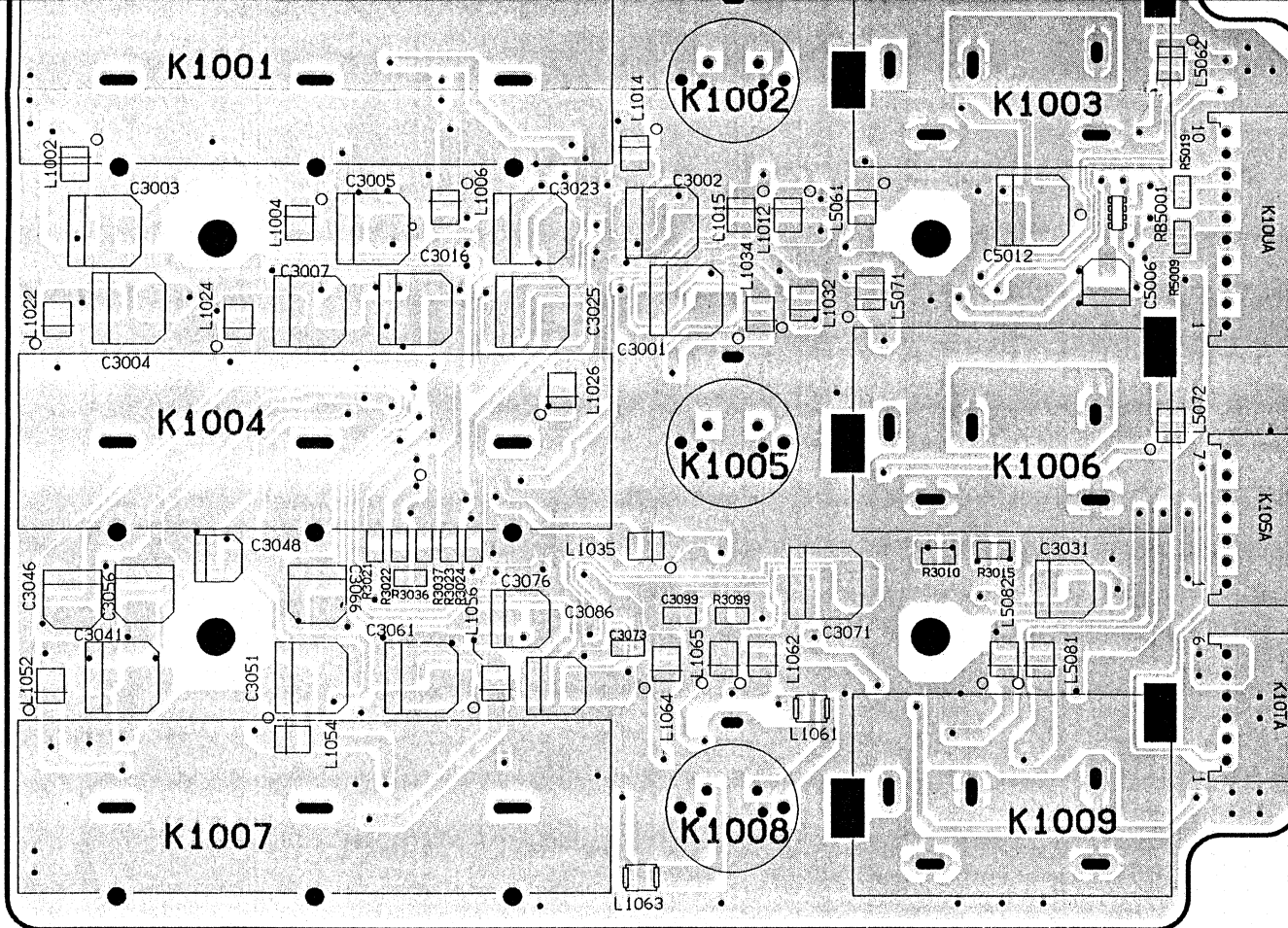
K1002

K1003

LAMP B

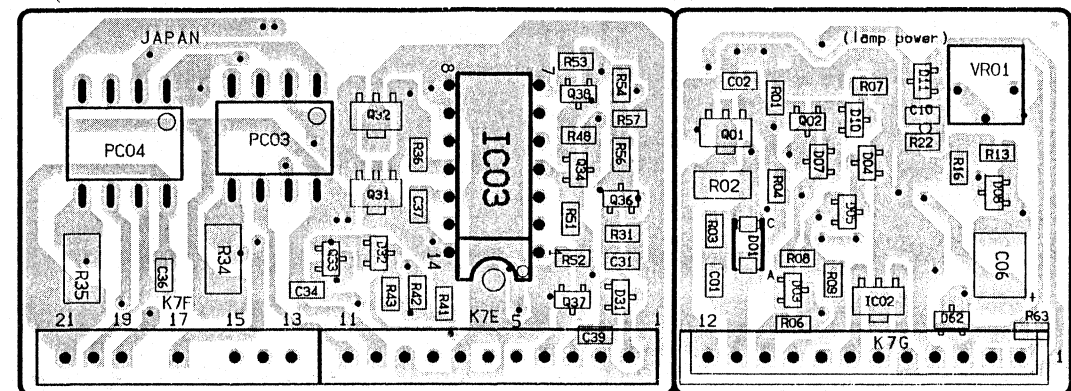
K7A

VIDEO BOARD AV JACK BOARD A SIDE



CG BOARD A SIDE

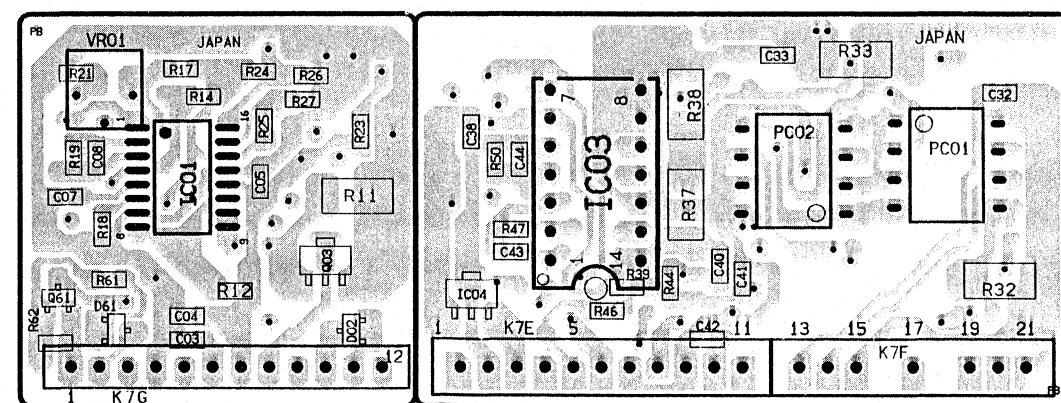
COMPONENT (A)SIDE HIC-A HIC-B



1AA4B10C13100 98E

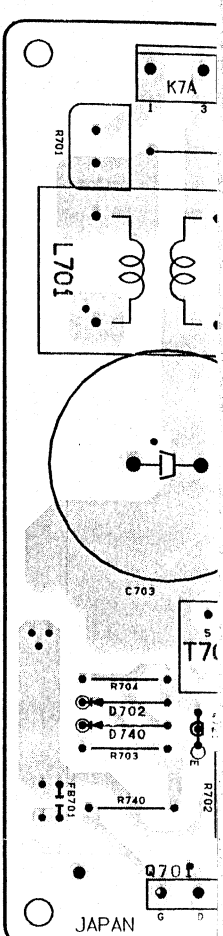
B SIDE

HIC-B HIC-A

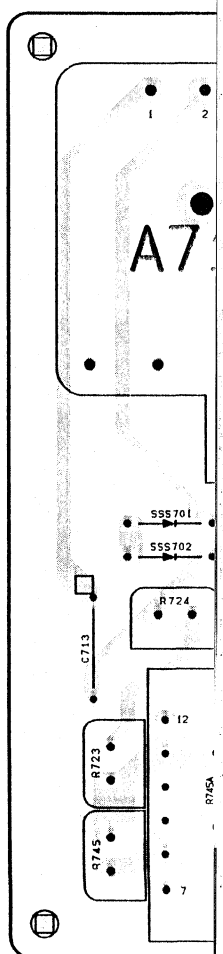


1AA4B10C13100 98E

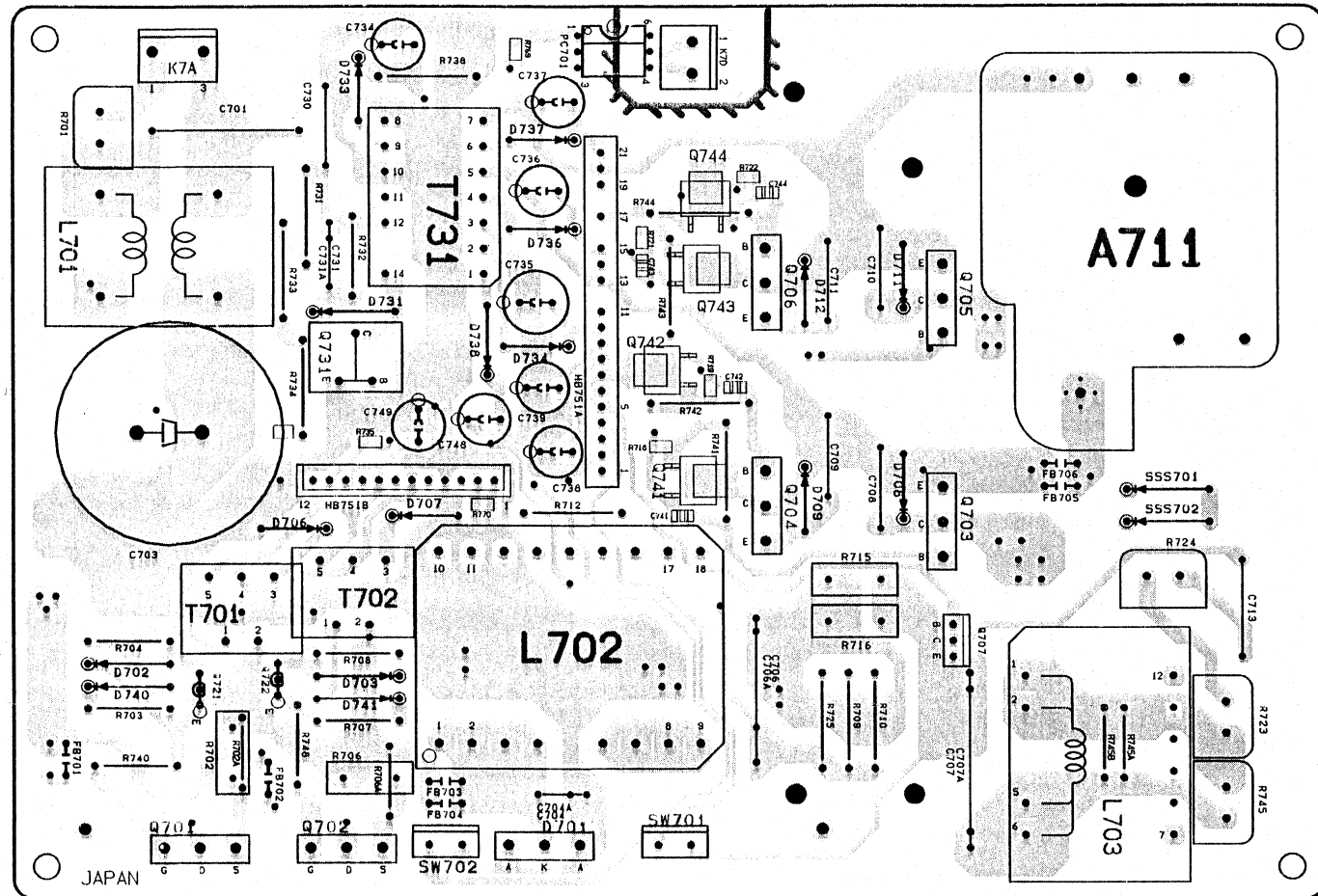
LAMP E



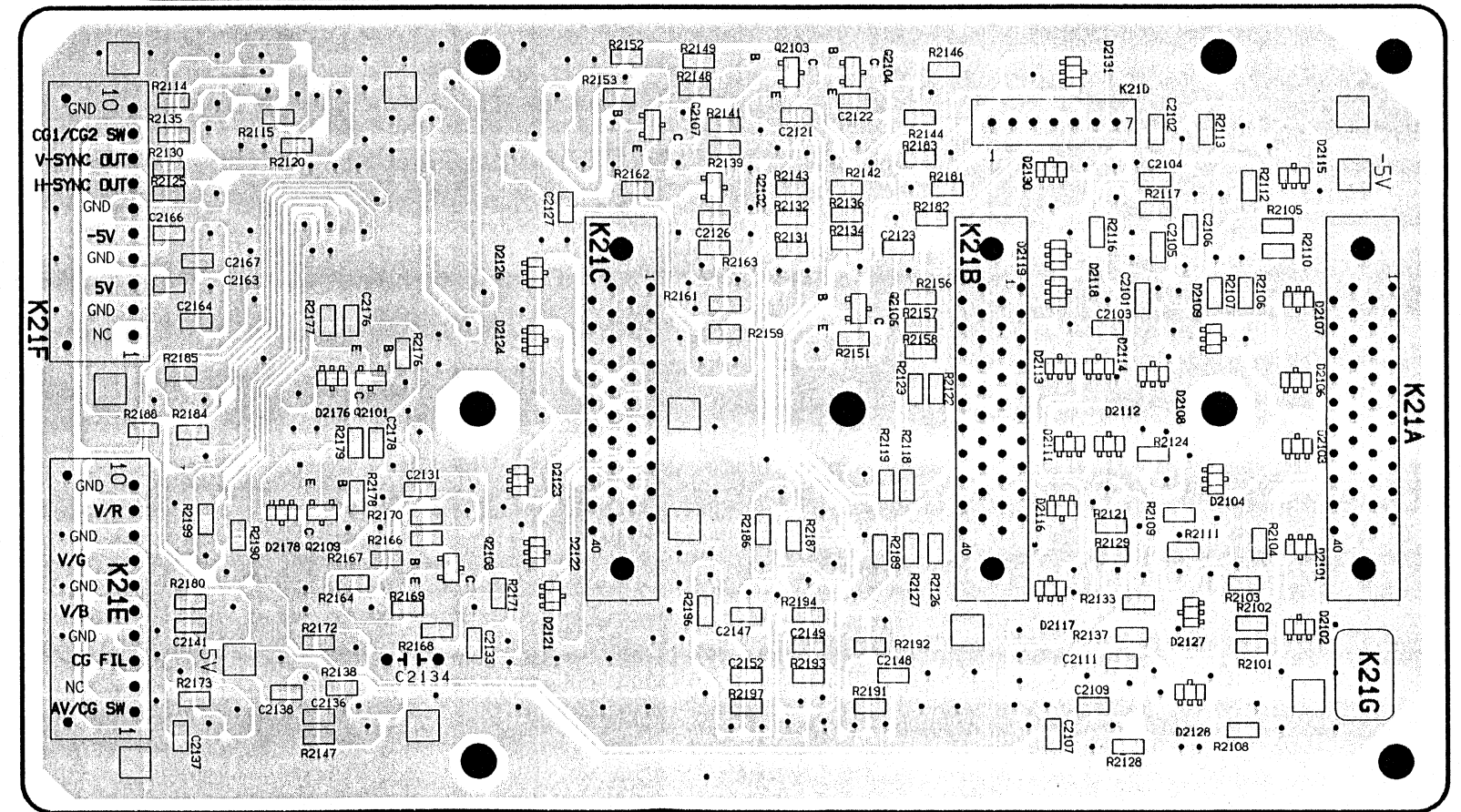
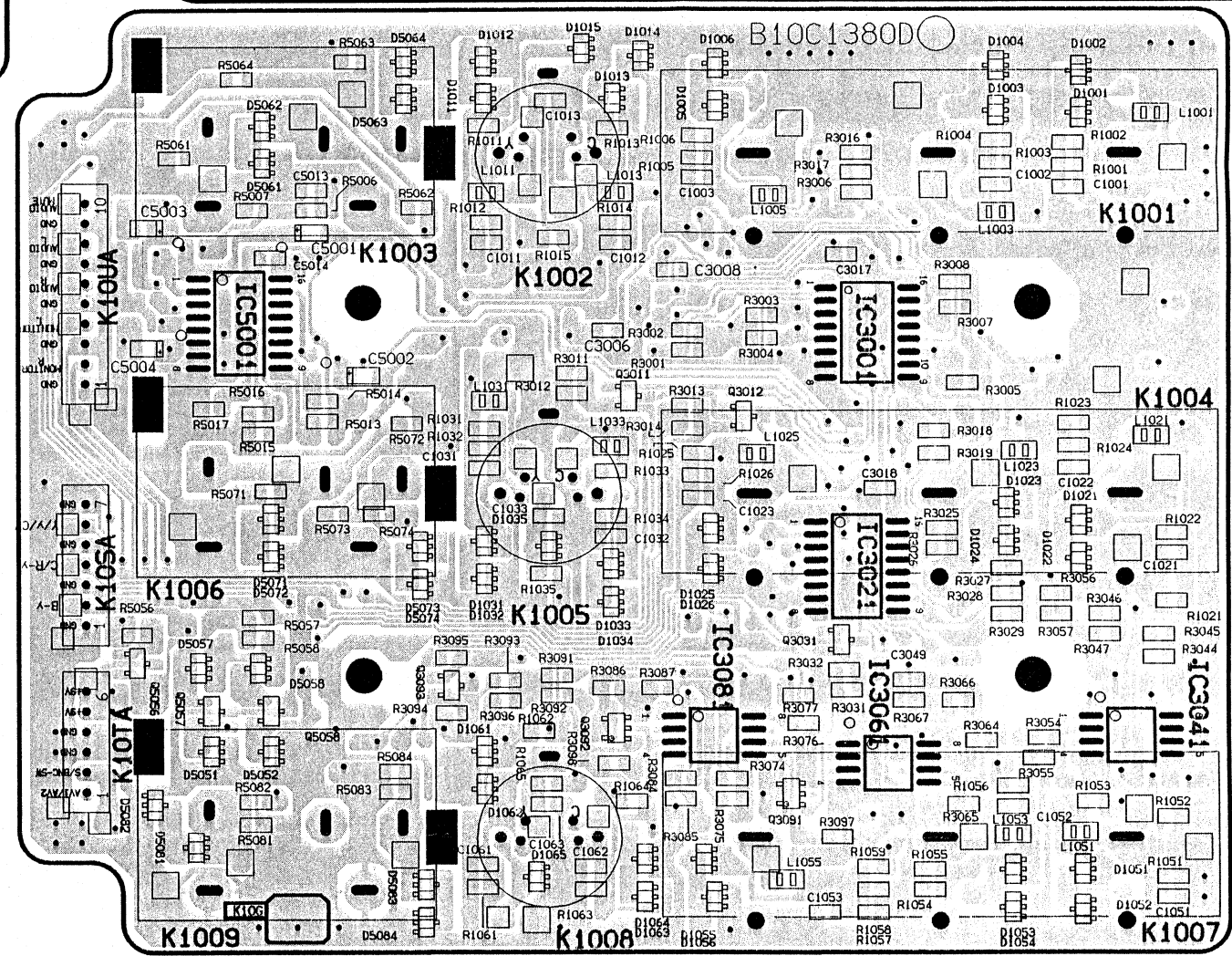
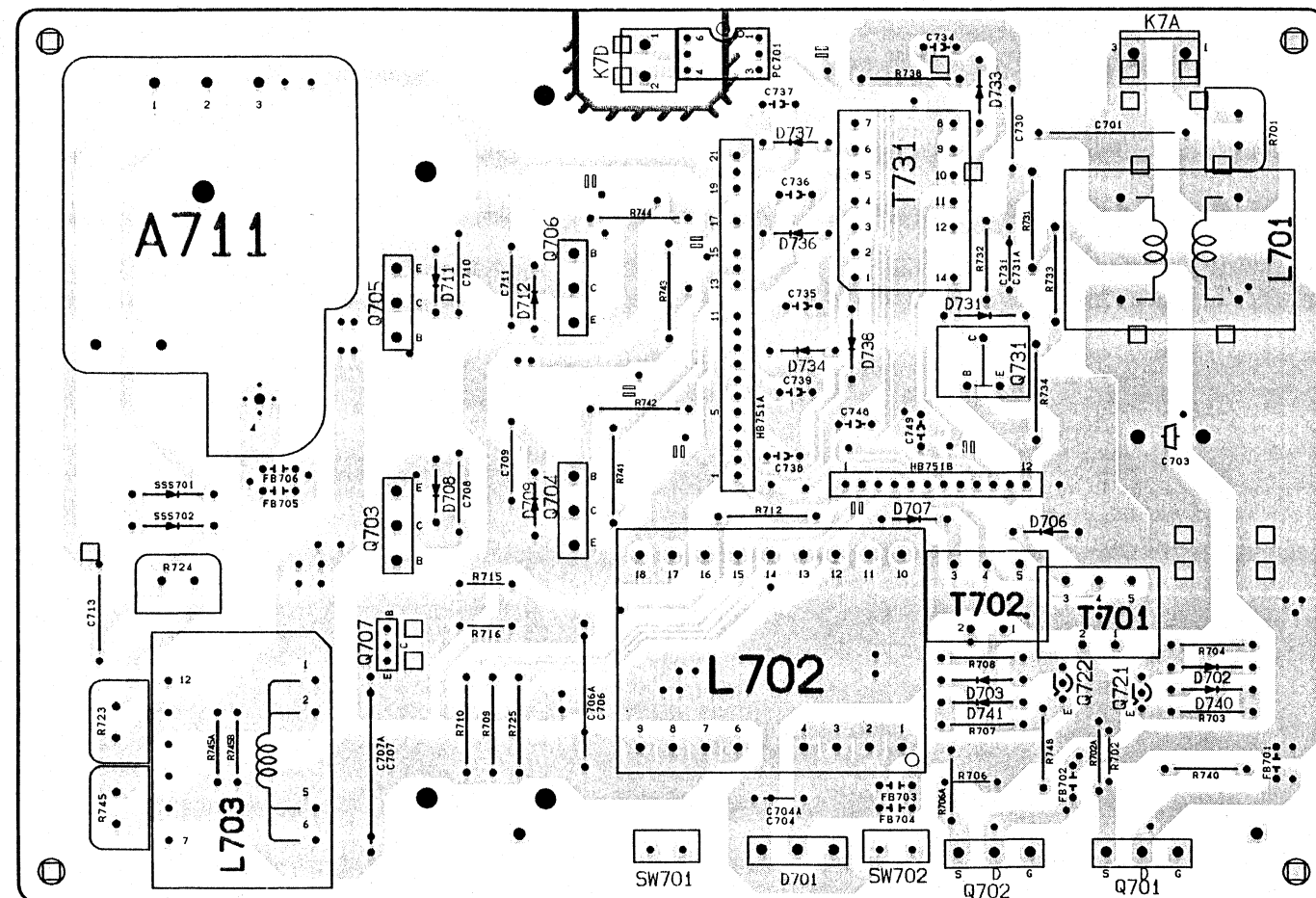
LAMP



LAMP BALLAST BOARD COMPONENT (A)SIDE



LAMP BALLAST BOARD B SIDE



B SIDE

CG BOARD

– 131 –

A

18

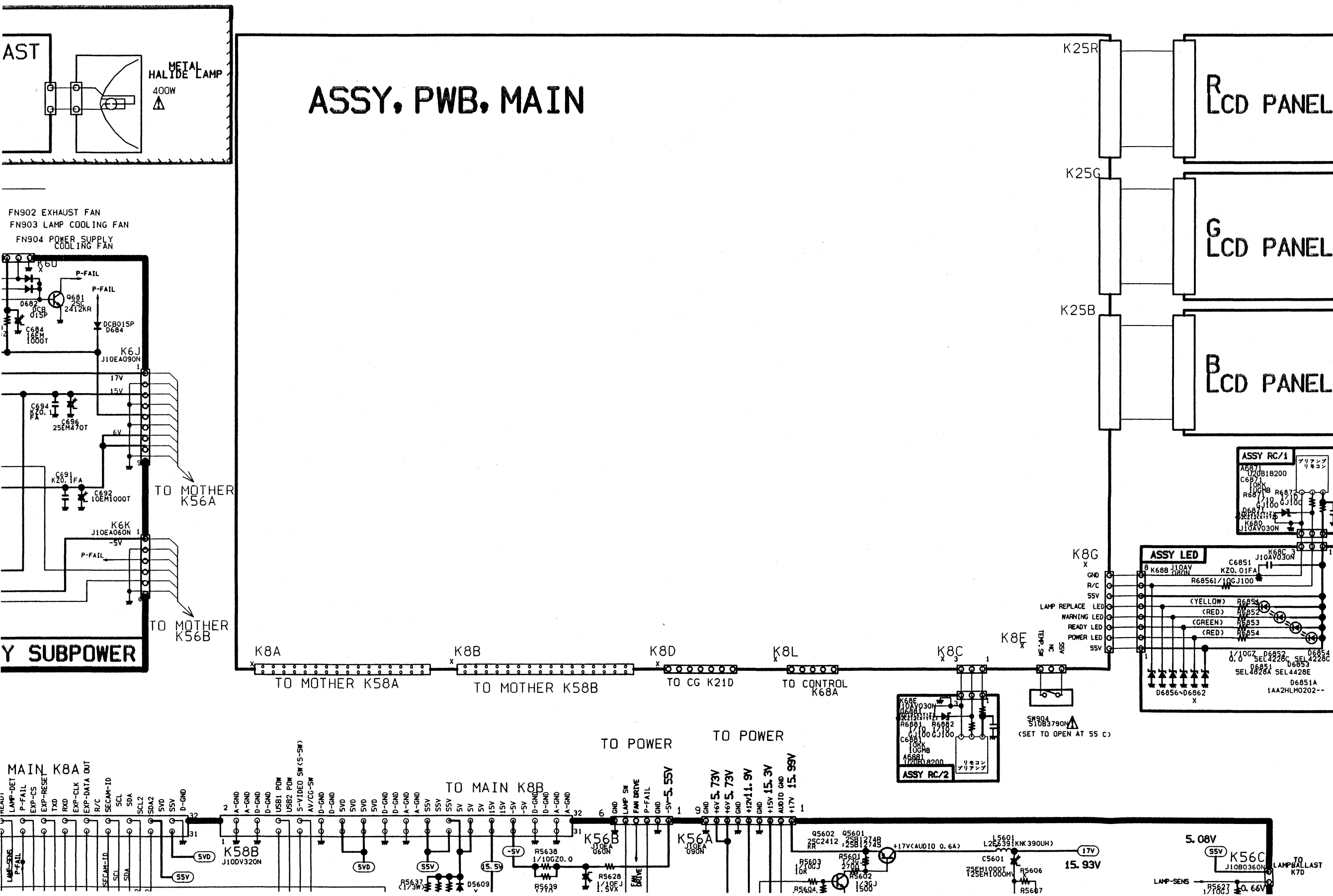
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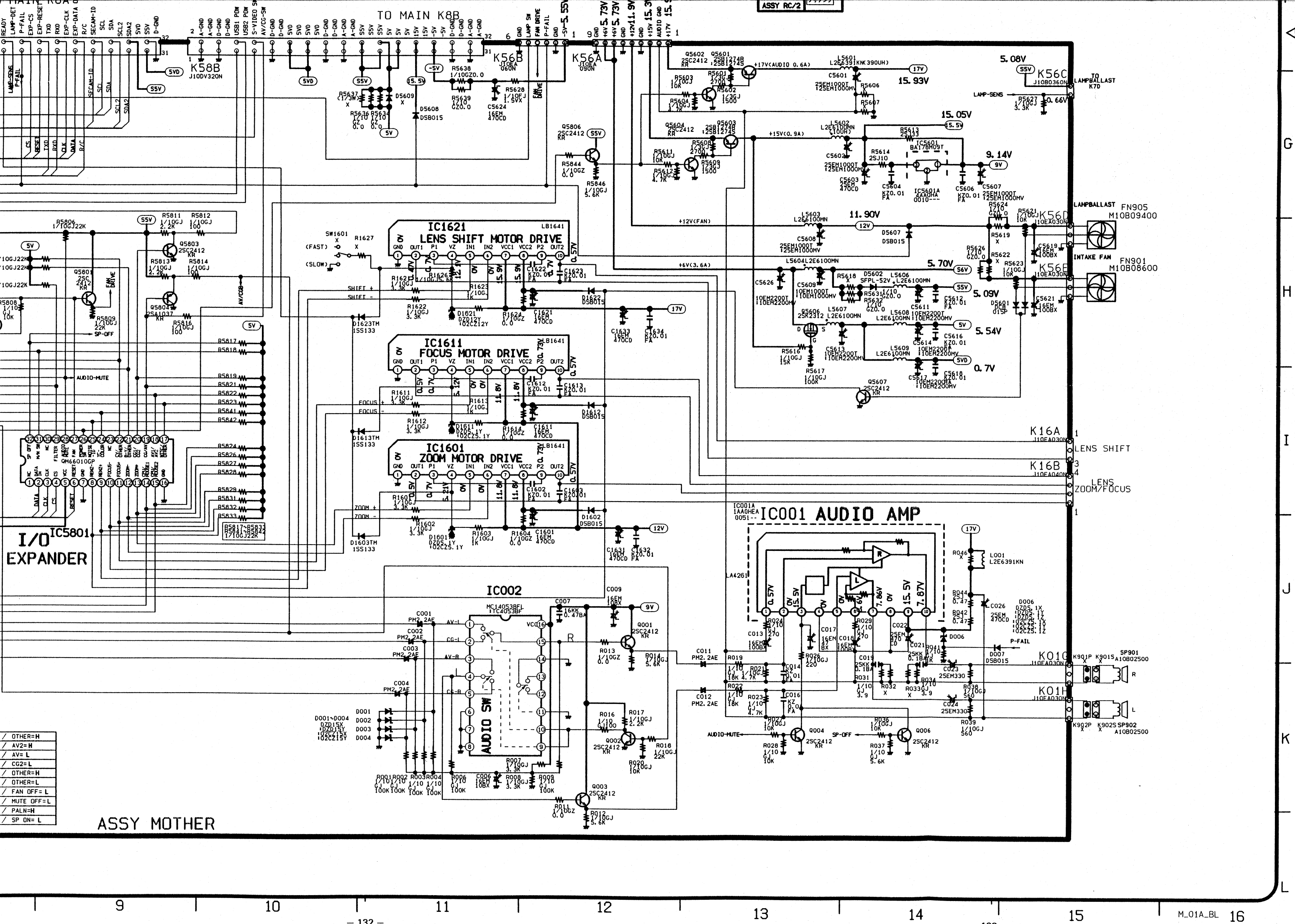
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16

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1.





ASSY MOTHER

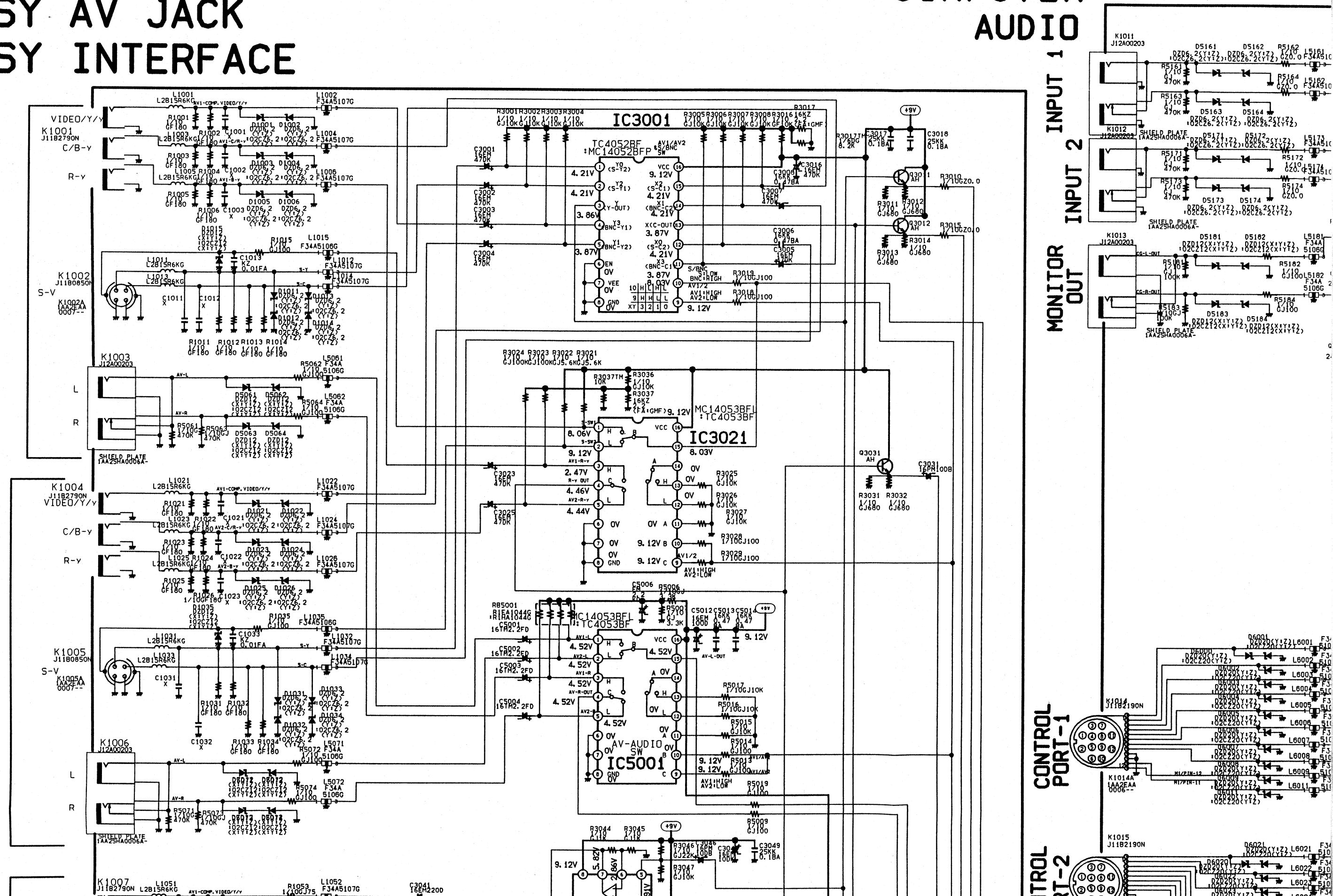
- / OTHER=H
- / AV2=H
- / AV=L
- / CG2=L
- / OTHER=H
- / OTHER=L
- / FAN OFF=L
- / MUTE OFF=L
- / PALN=H
- / SP ON=L

S2

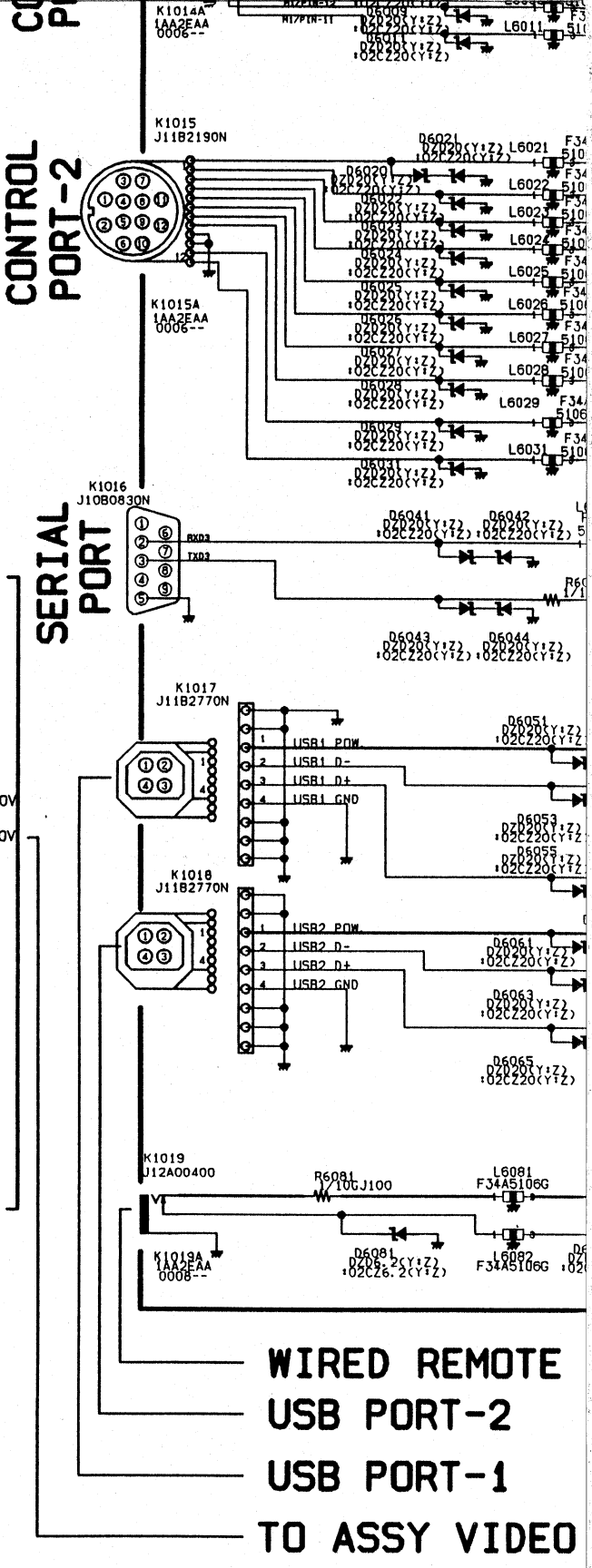
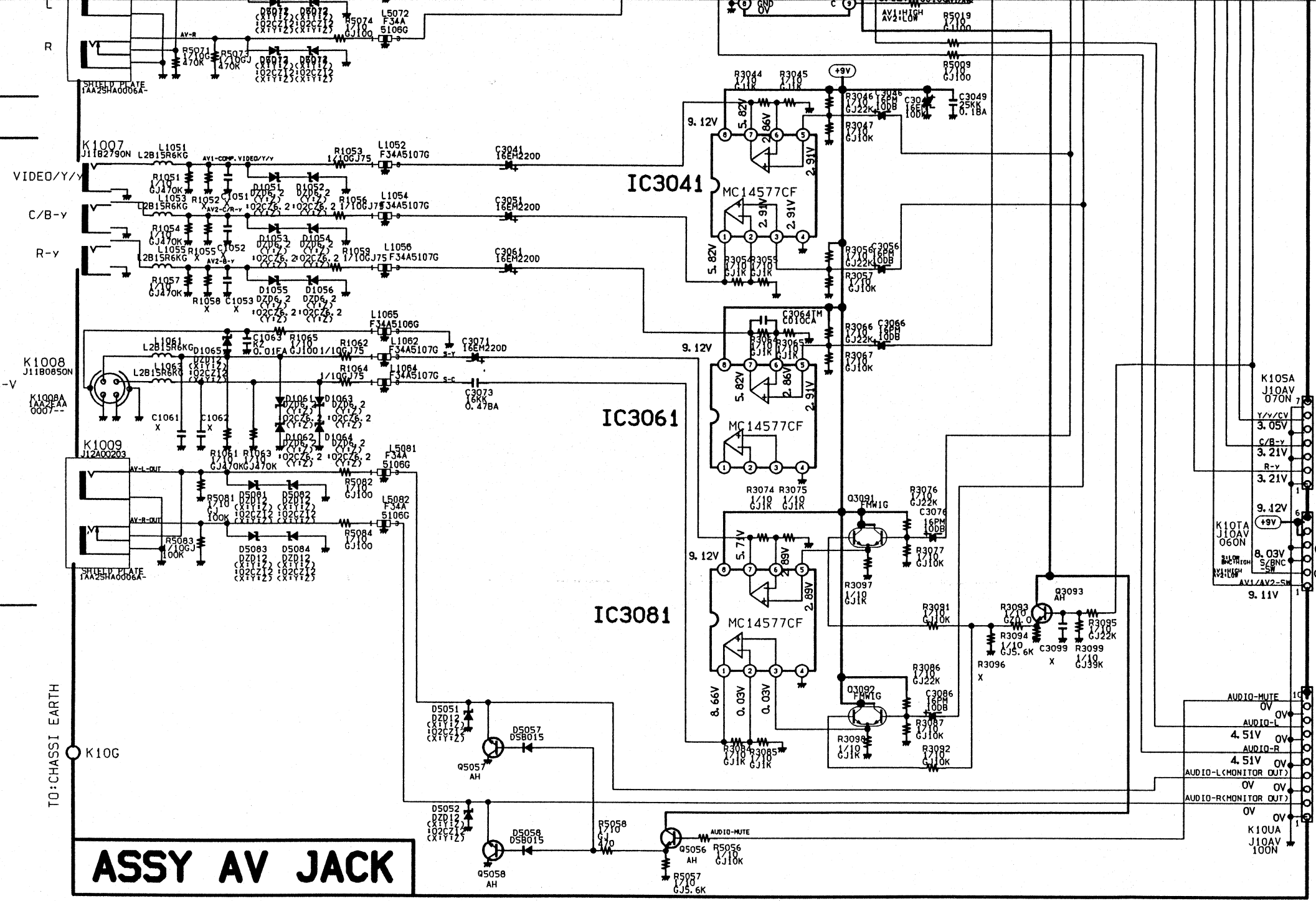
ASSY AV JACK
ASSY INTERFACECOMPUTER
AUDIO

VIDEO INPUT 1

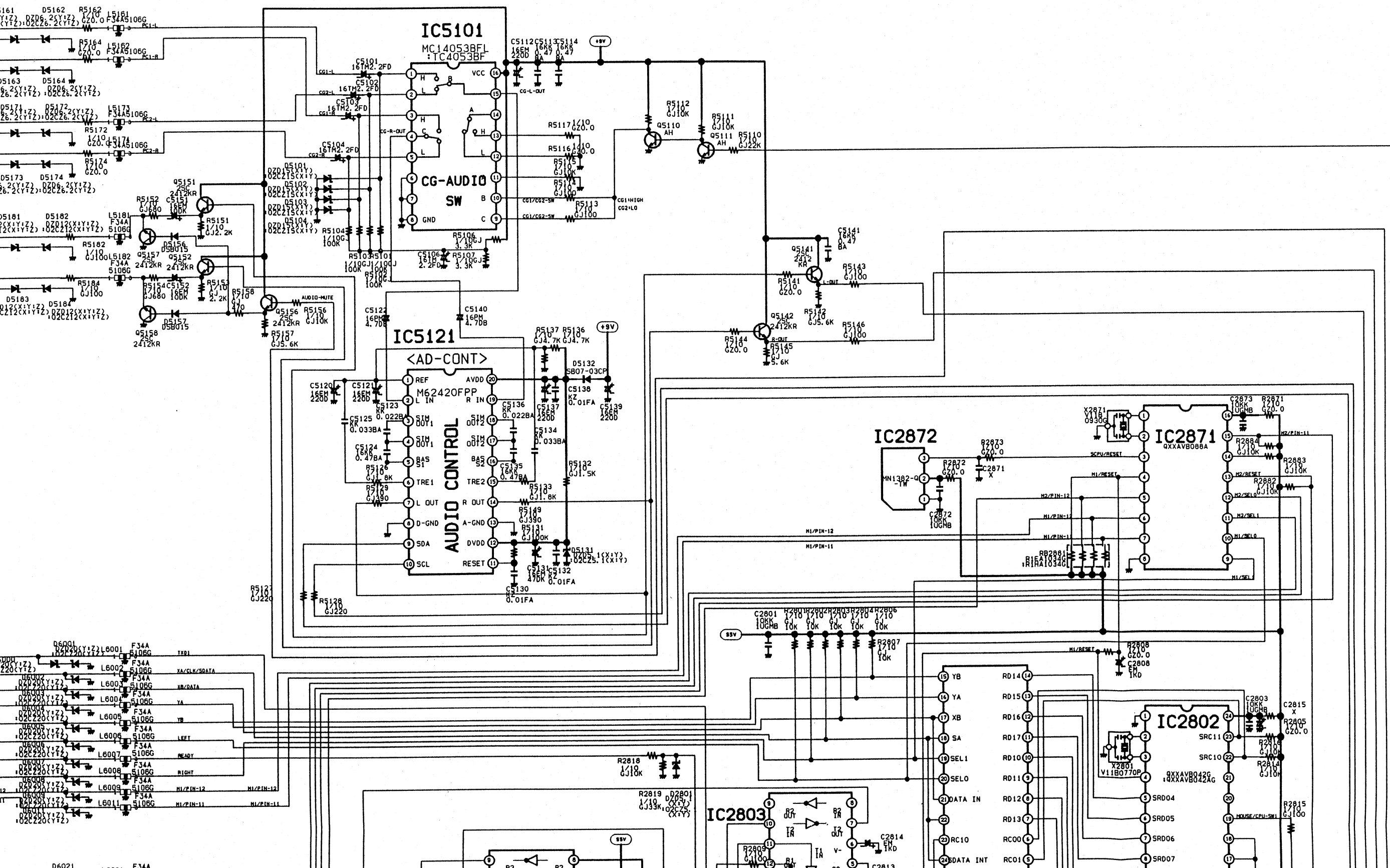
VIDEO INPUT 2

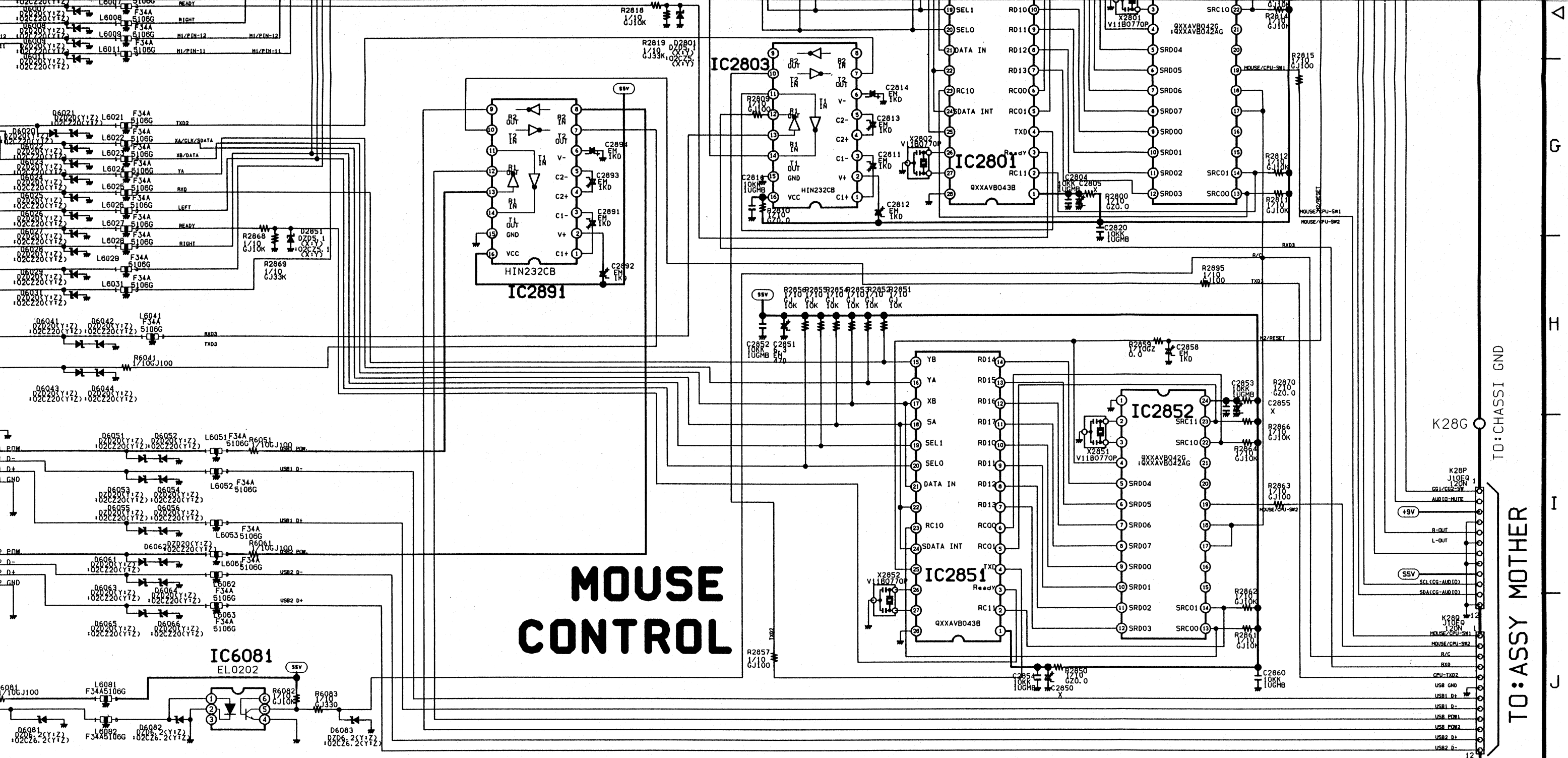
INPUT 1
INPUT 2
MONITOR
OUTCONTROL
PORT-1CONTROL
PORT-2

MONITOR OUTPUT



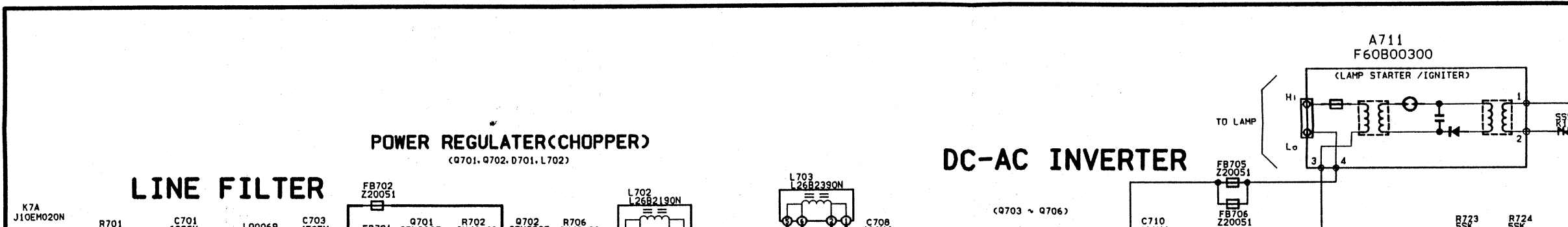
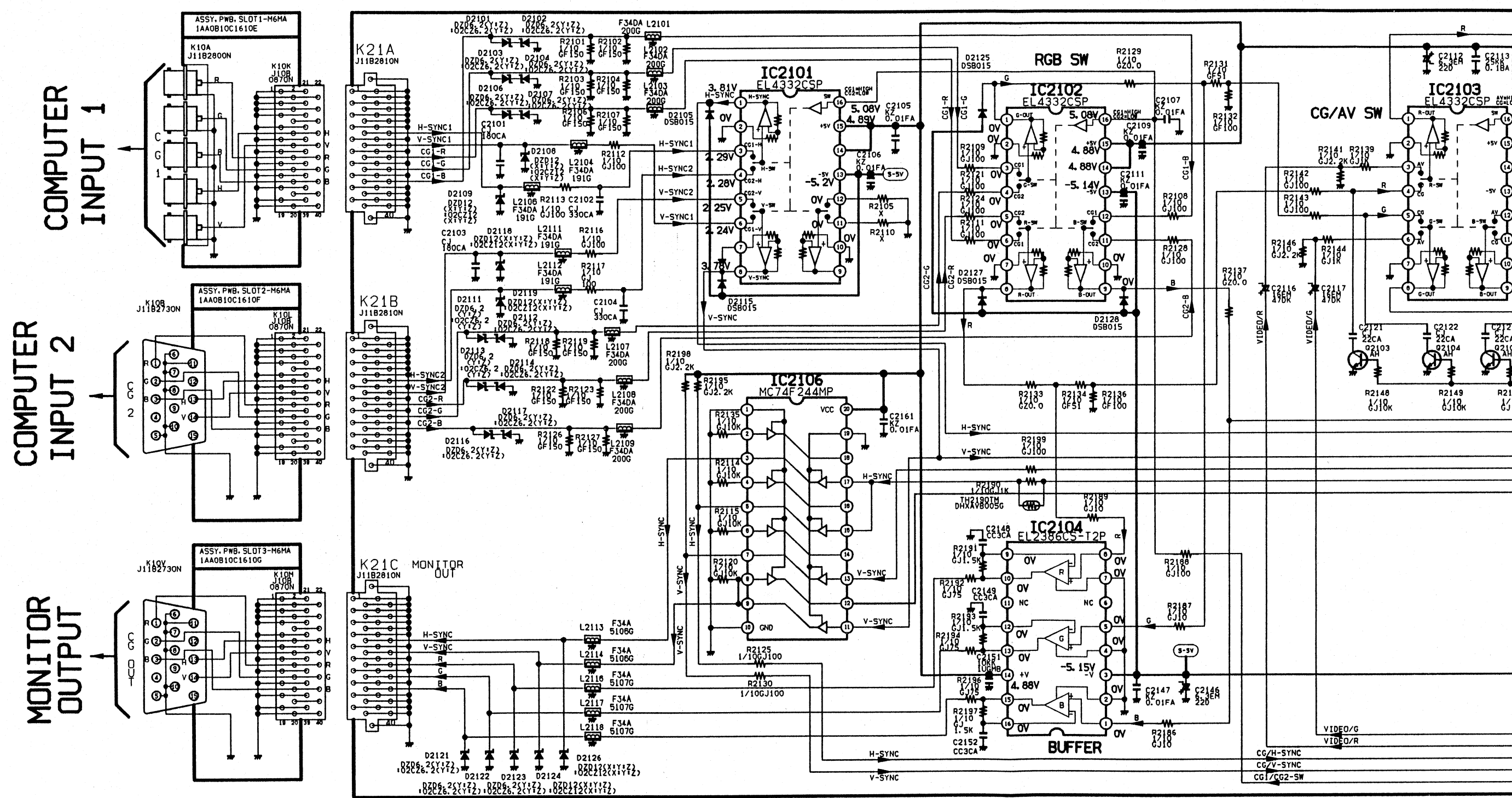
ASSY INTERFACE



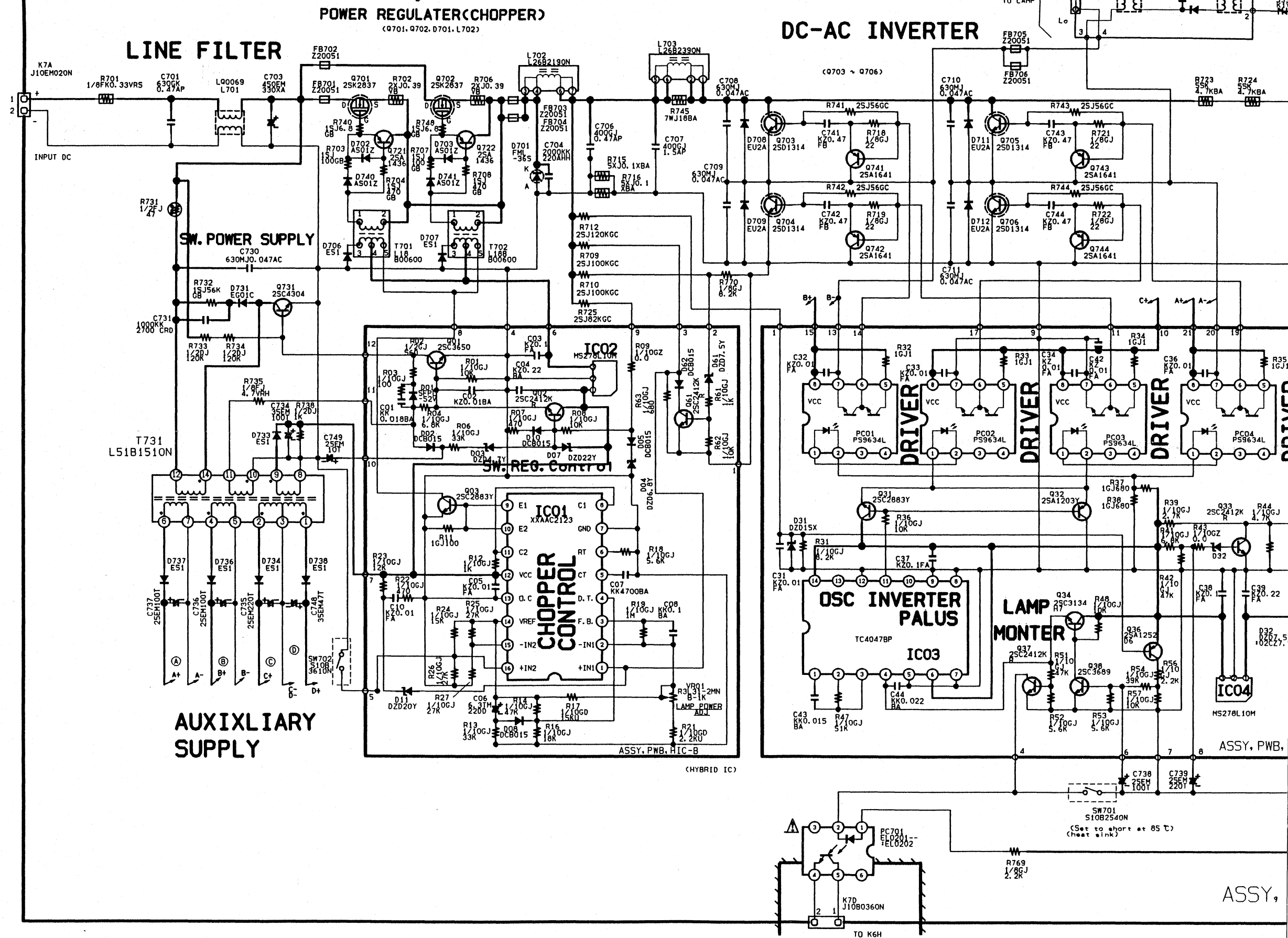


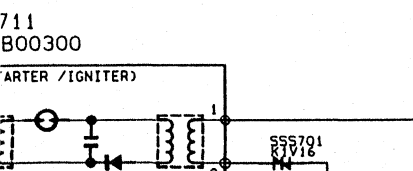
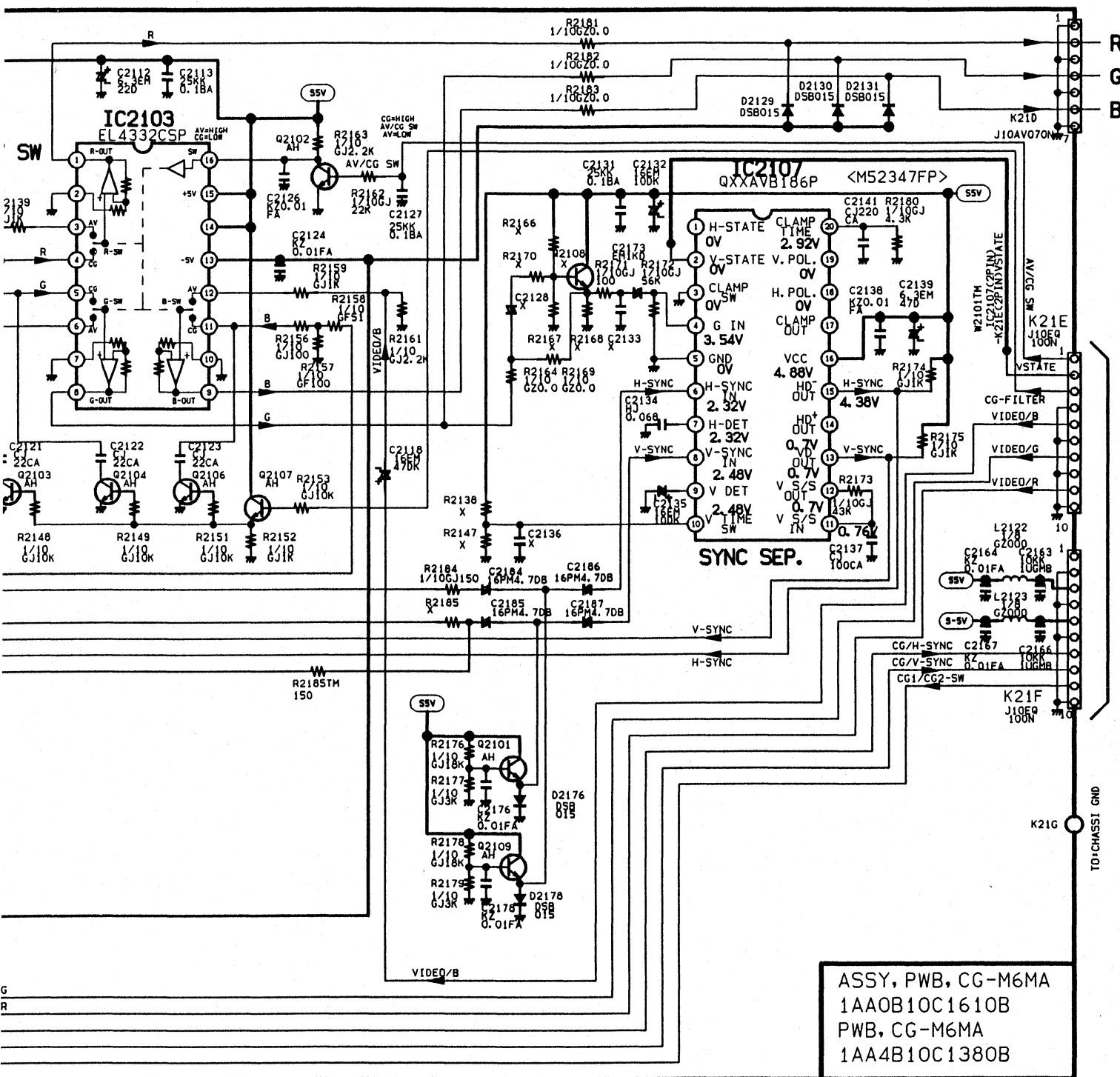
ASSY CG ASSY LAMP BALLAST

⑤ **PLC-9000/9000E/9005E/9005B** **REVISED**
Reference. NO. SM525052

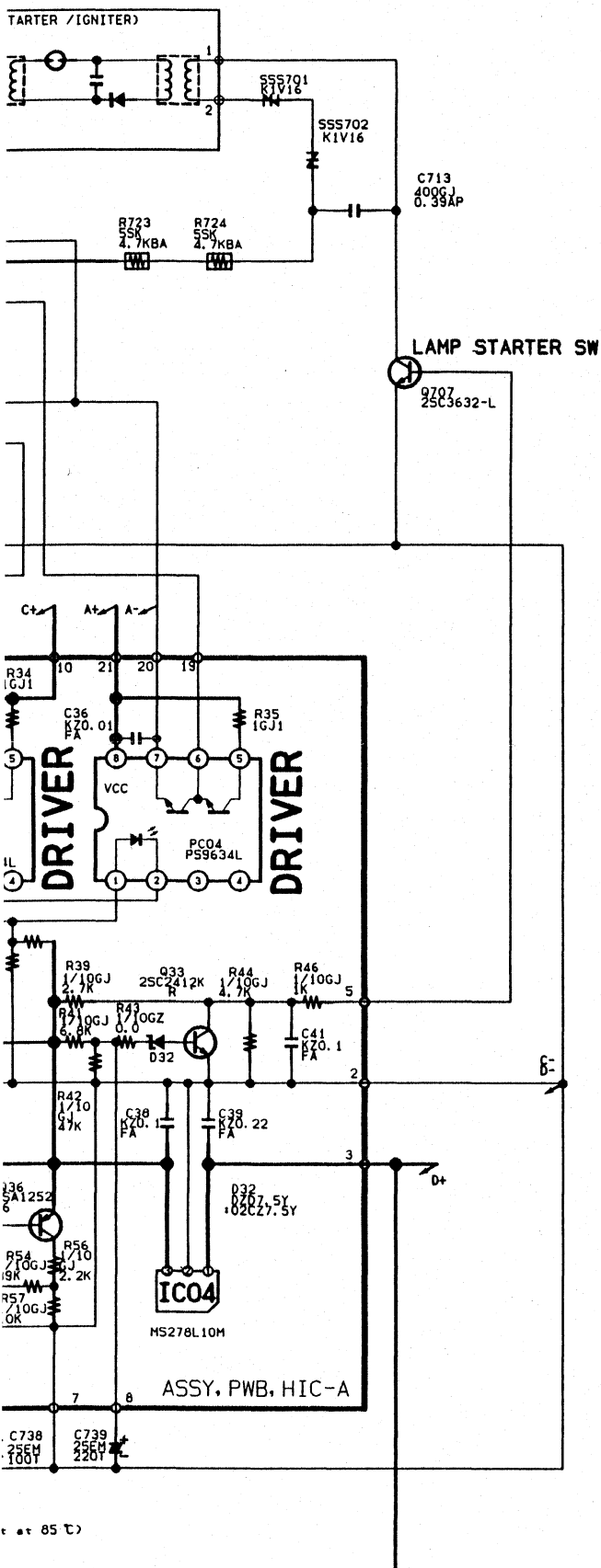


G
H
I
J
K
L





711
DB00300



ASSY. PWB, LAMP BALLAST

IC1191

SYNC_SEP. IC4171

ASSY VIDEO

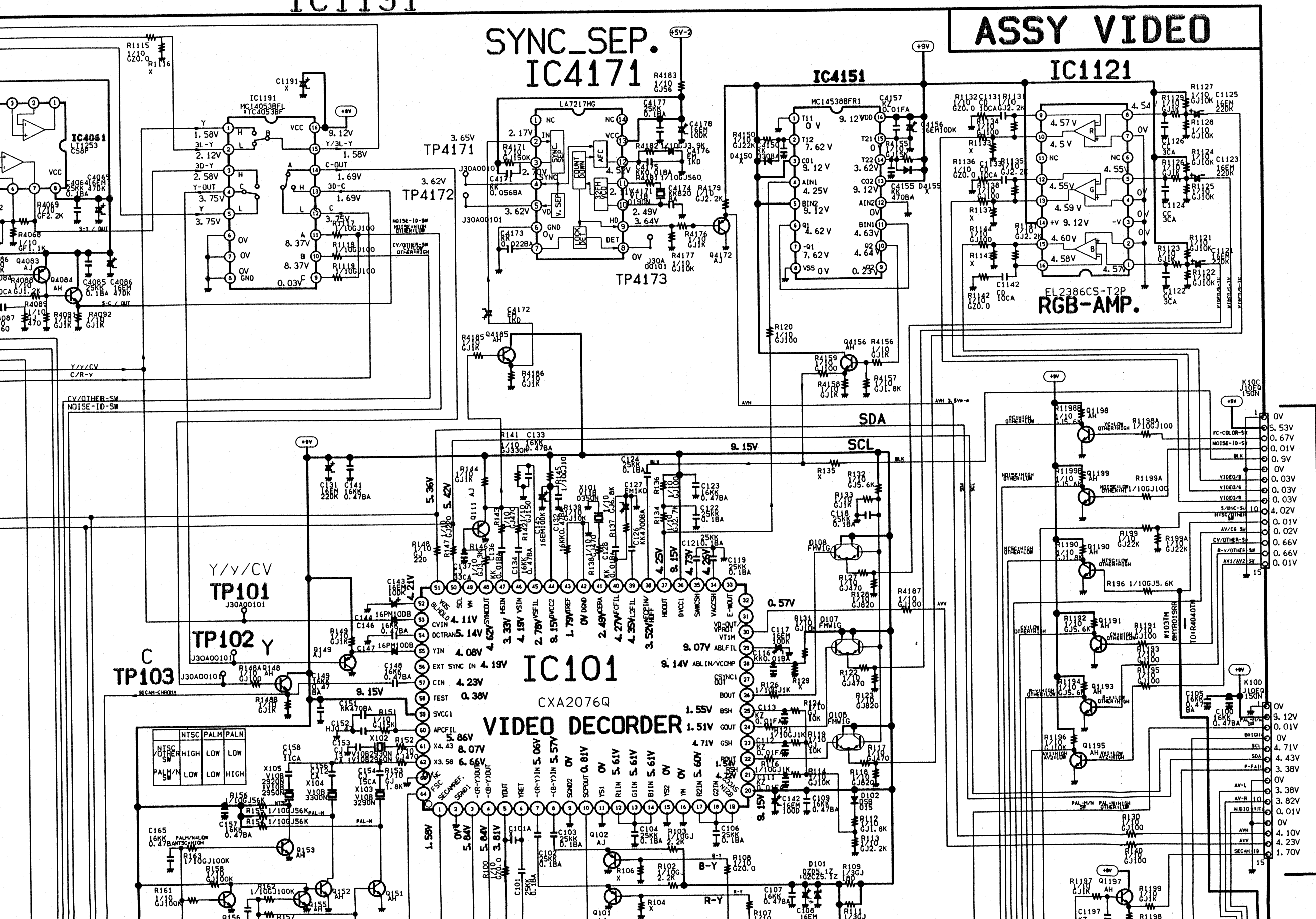
IC1121

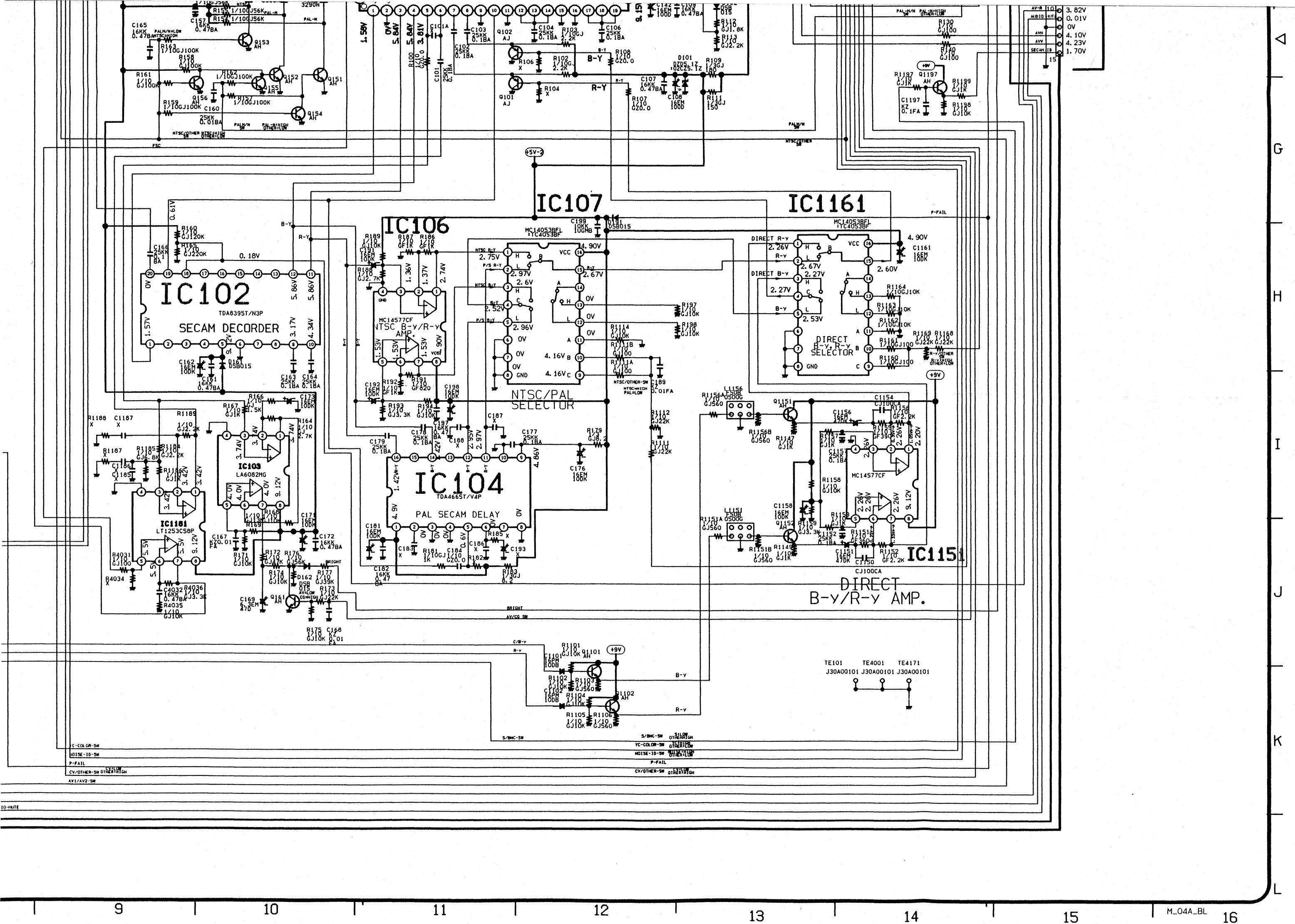
RGB-AMP.

IC101

VIDEO DECODER

TO: ASSY MOTHER

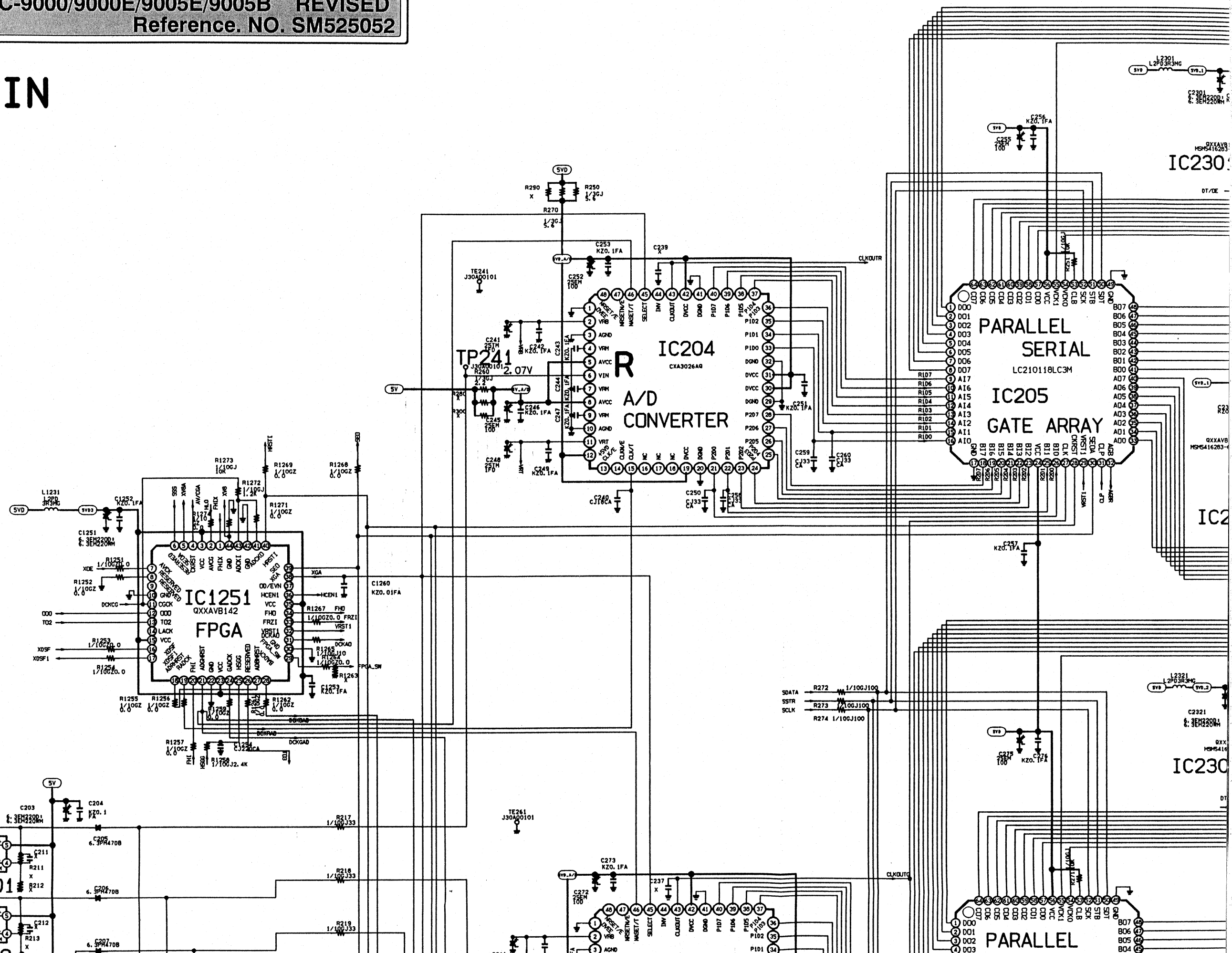




S5

⑥ PLC-9000/9000E/9005E/9005B REVISED
Reference. NO. SM525052

ASSY MAIN



G

H

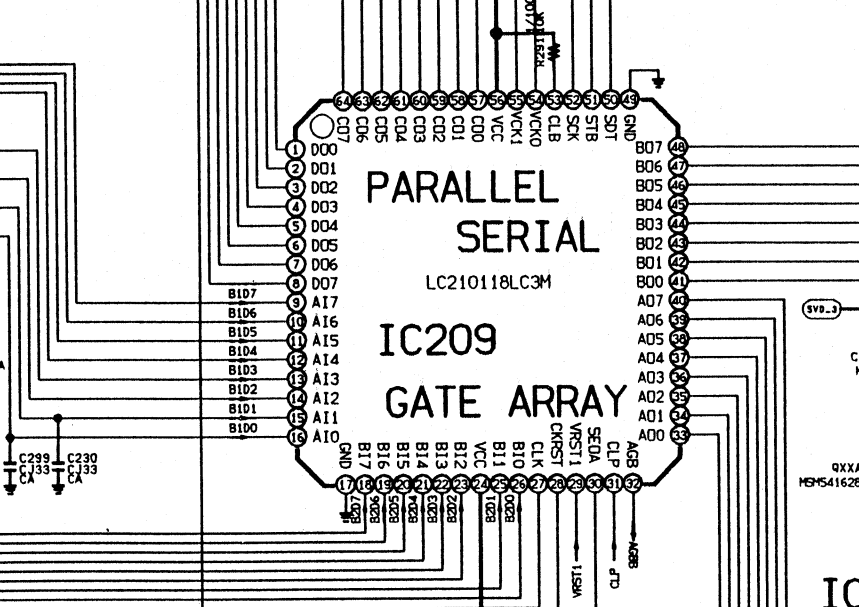
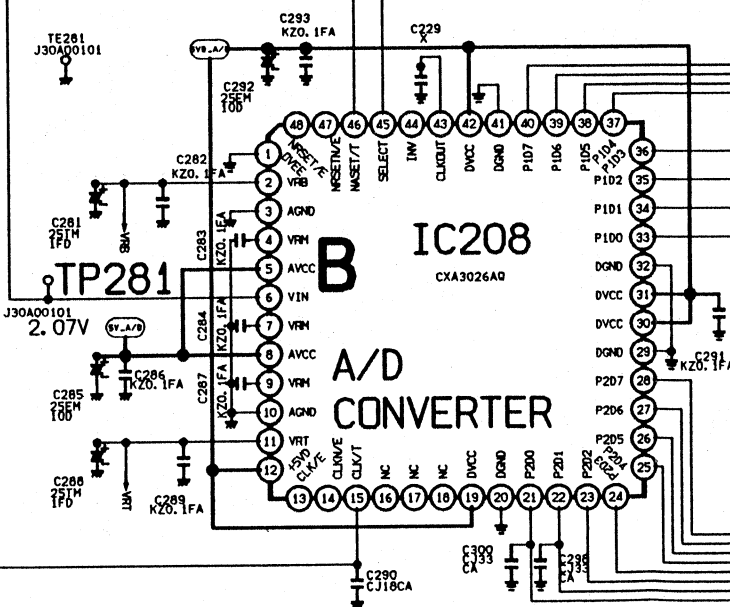
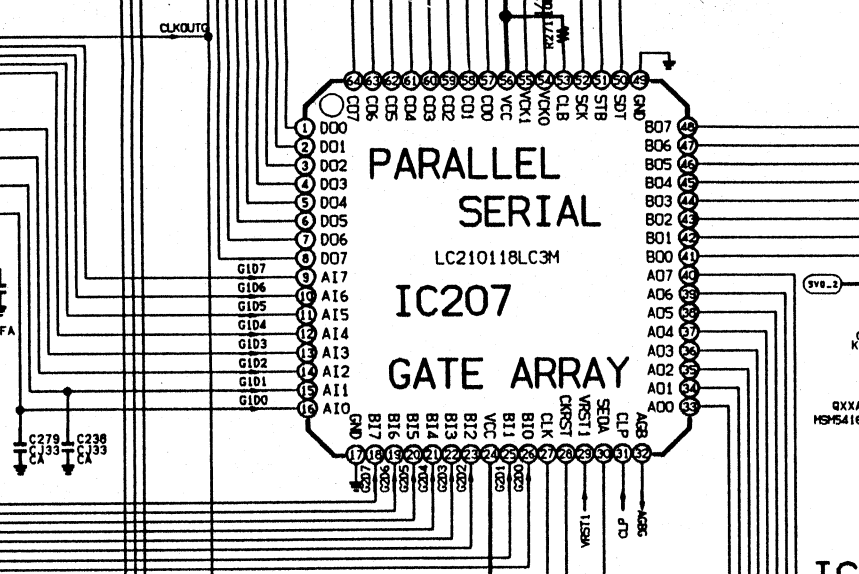
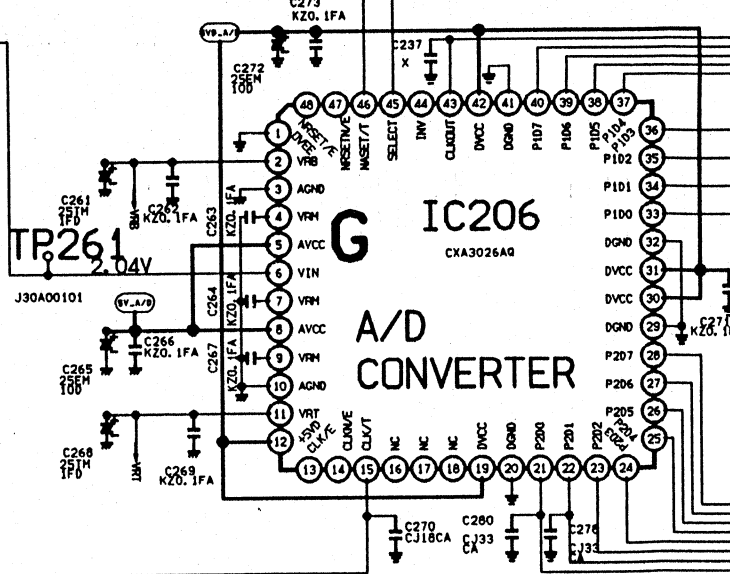
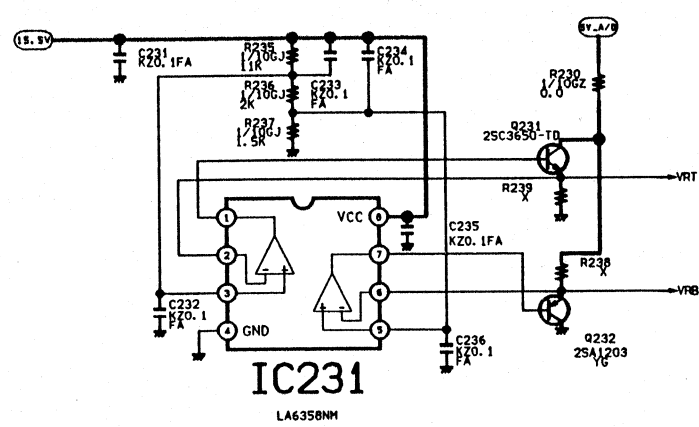
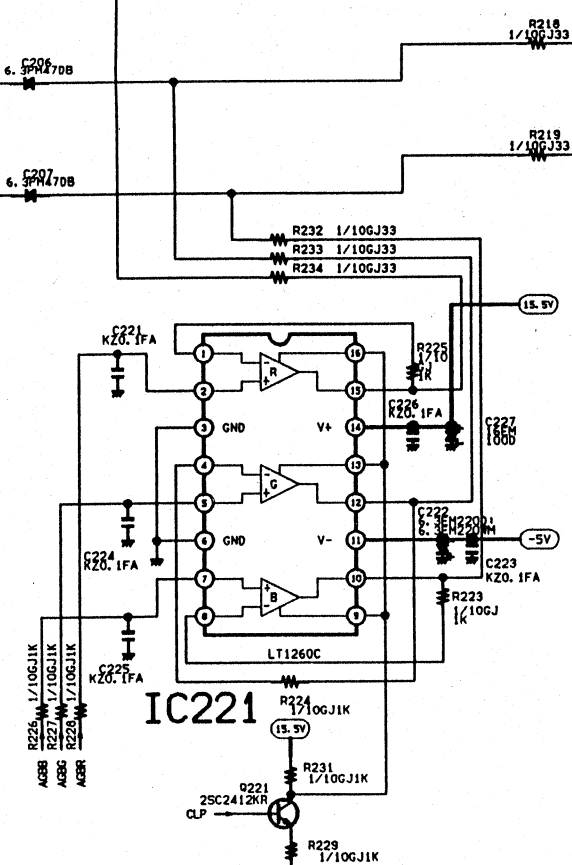
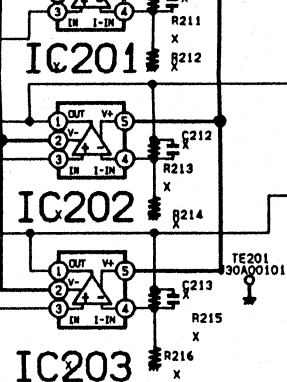
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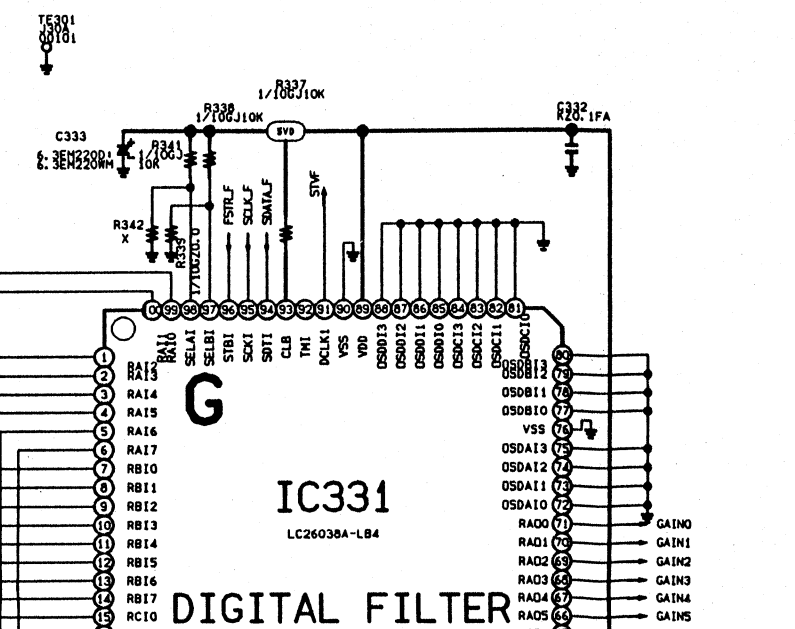
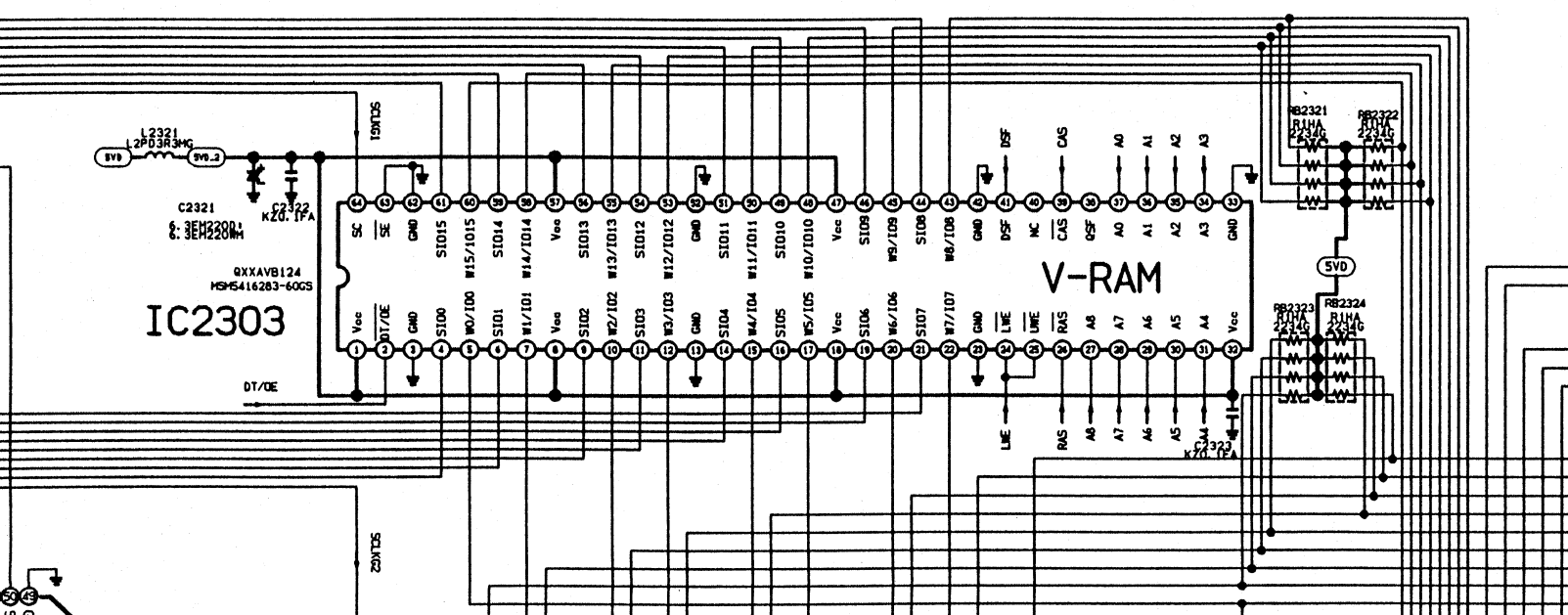
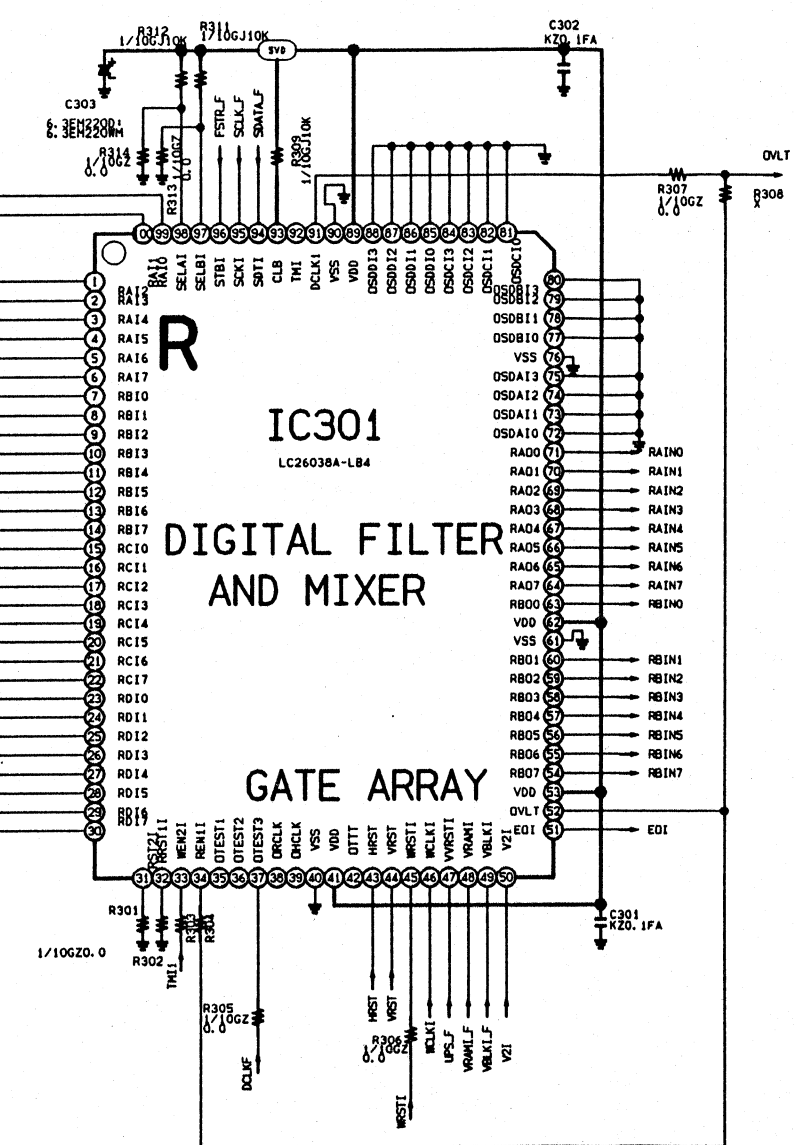
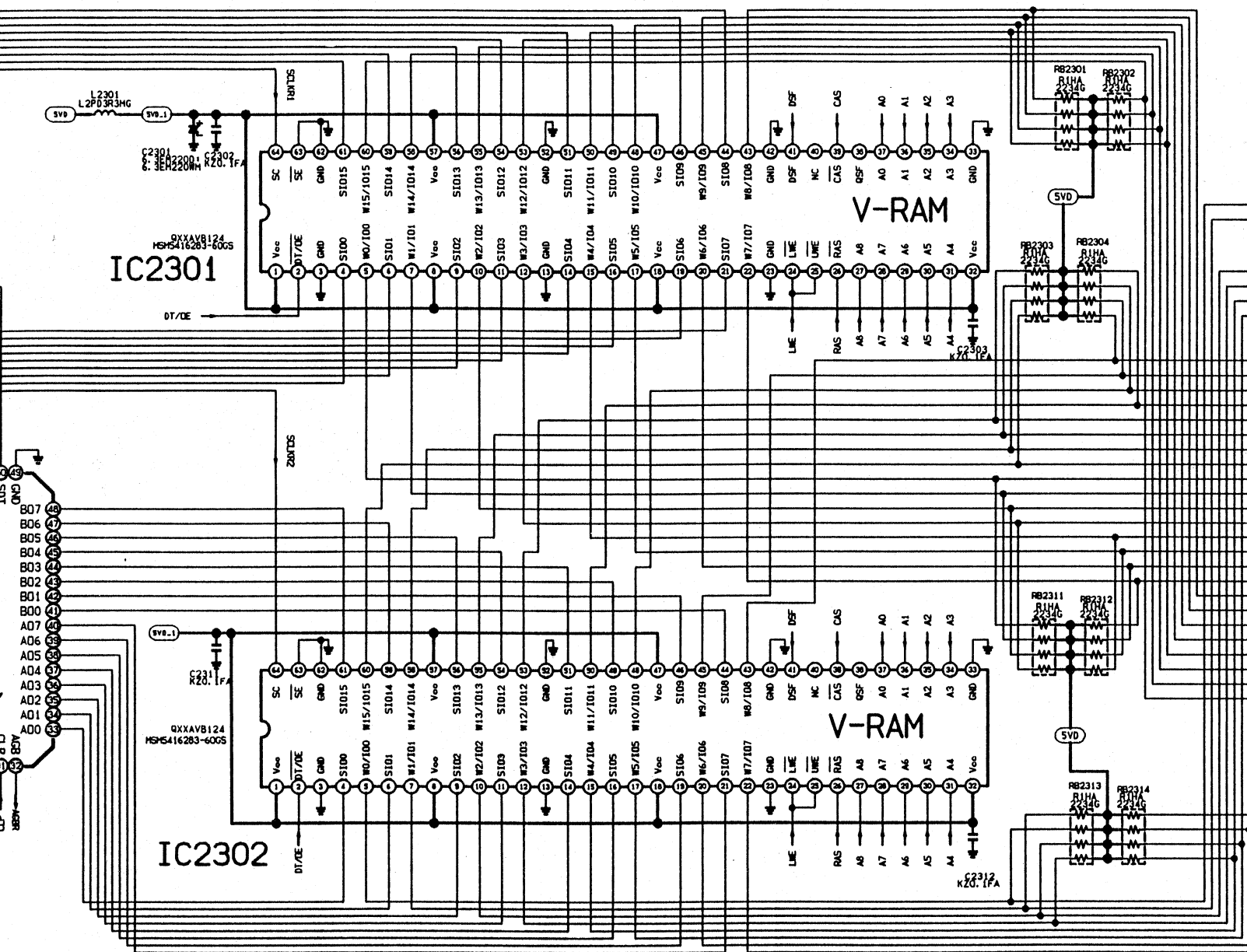
J

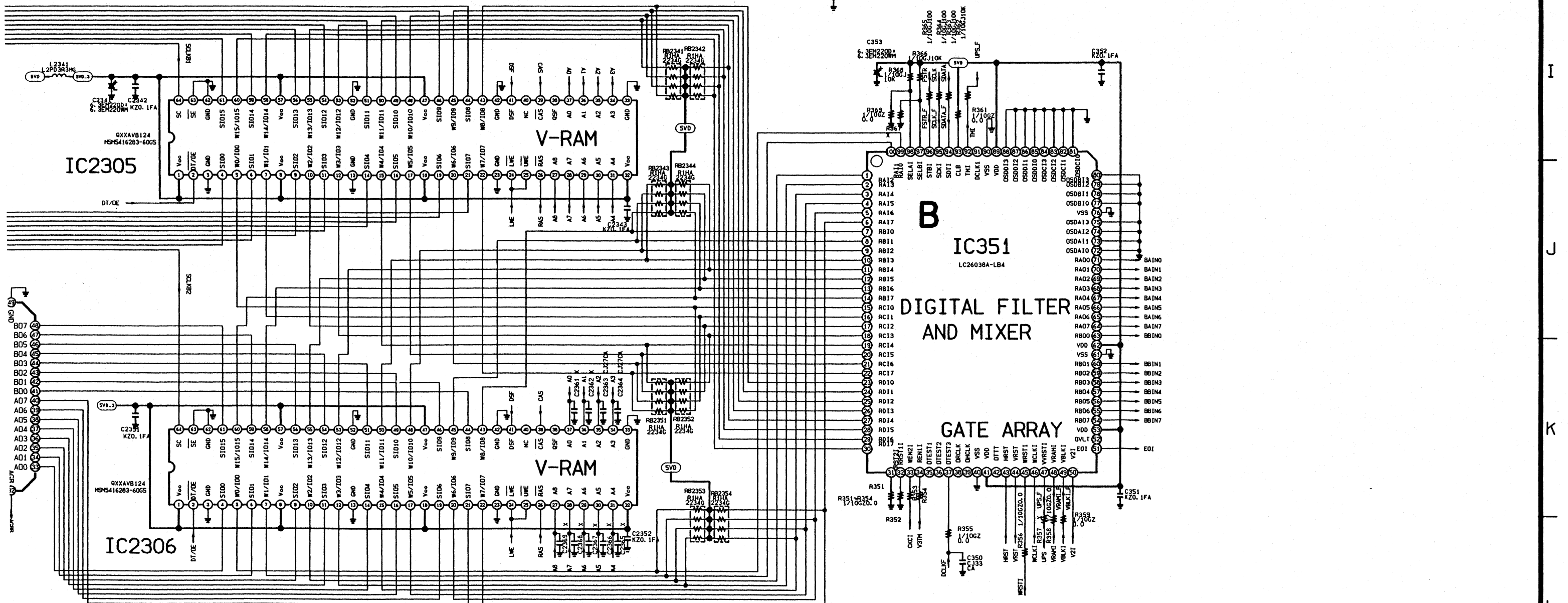
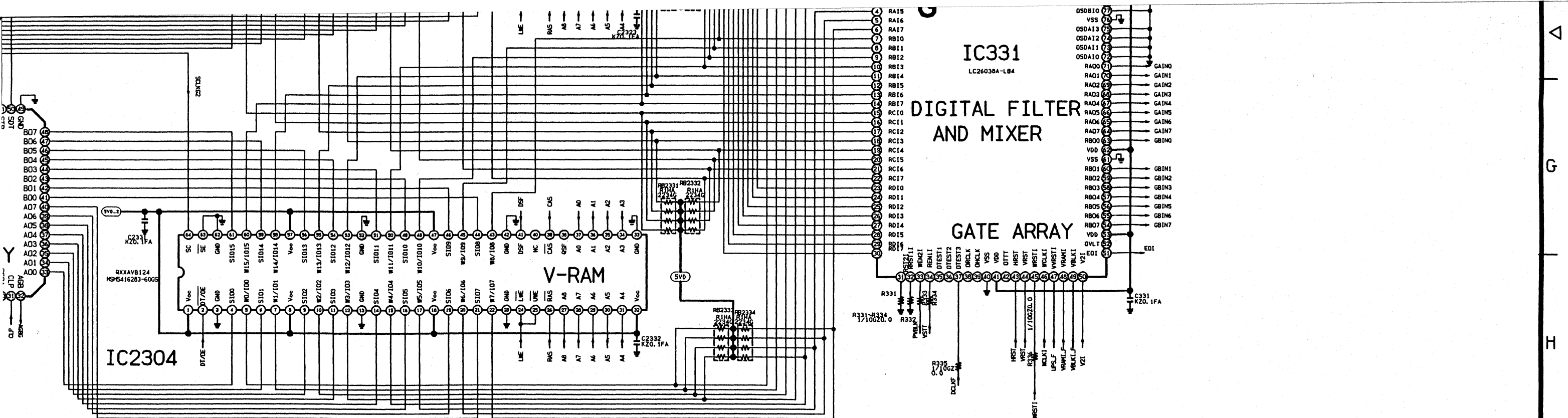
K

L

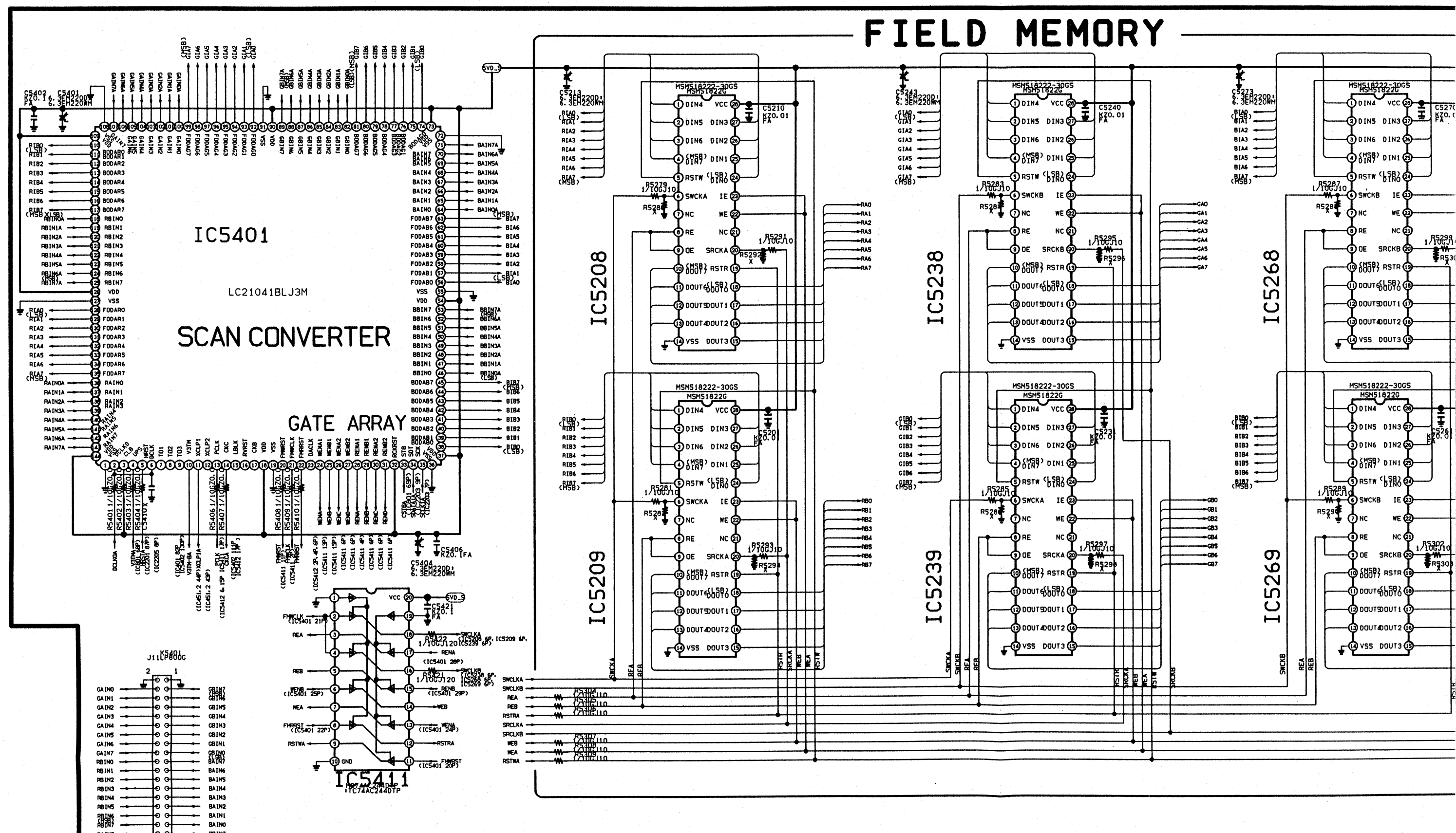
TP201
0.19V R_{IN}
G_{IN}
TP202
0.17V
B_{IN}
TP203
0.16V







ASSY MAIN SUB1



G

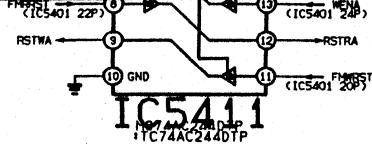
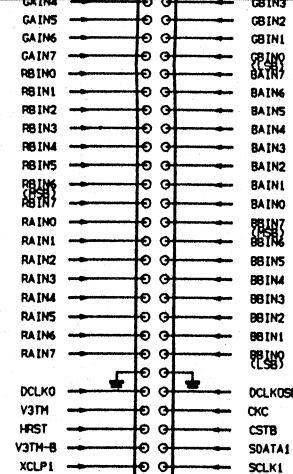
H

I

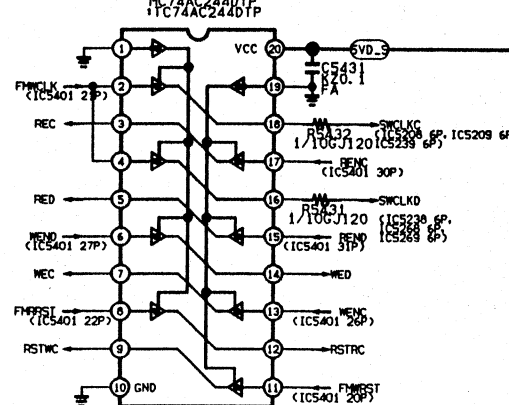
J

K

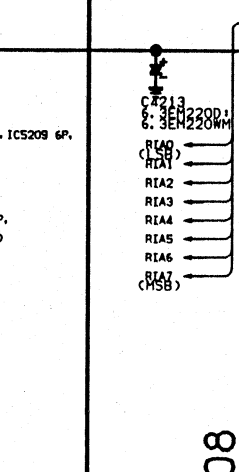
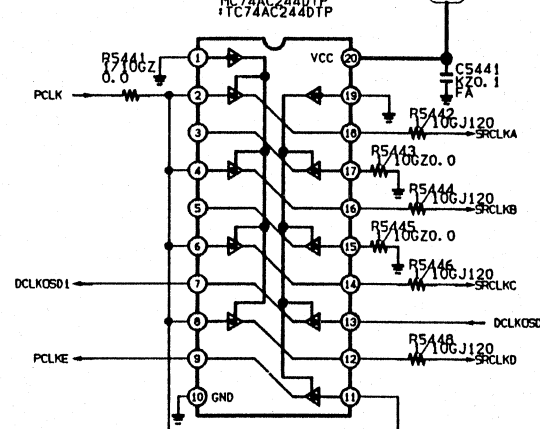
L

1
△

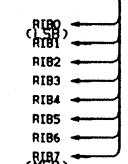
IC5412



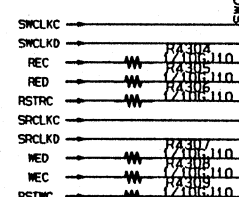
IC5413



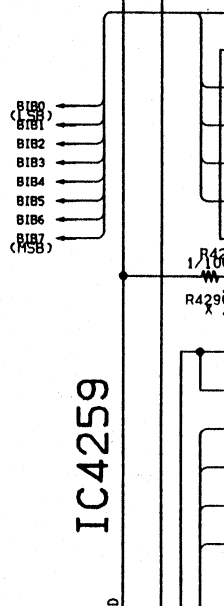
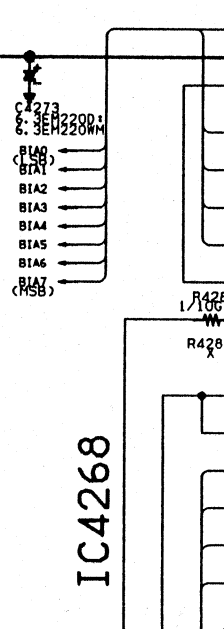
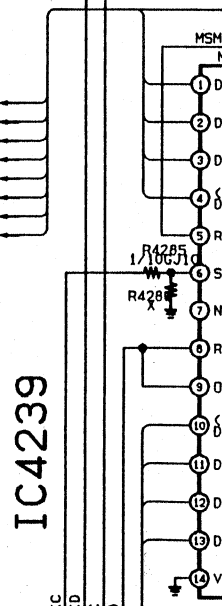
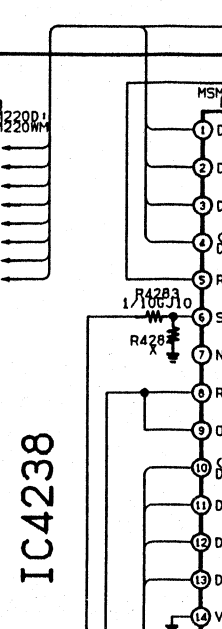
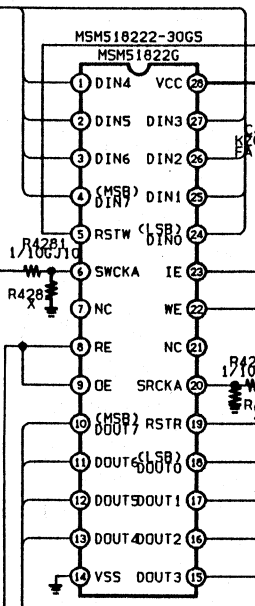
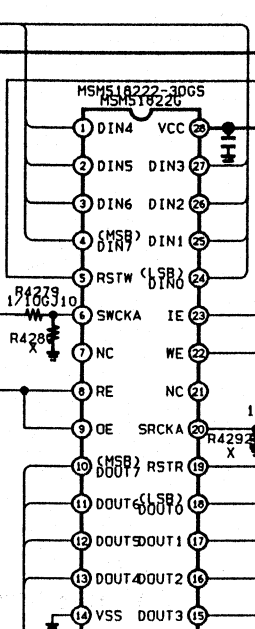
IC4208



IC4209

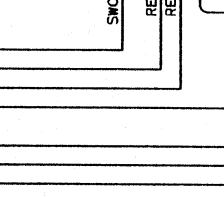


FIELD MEMORY



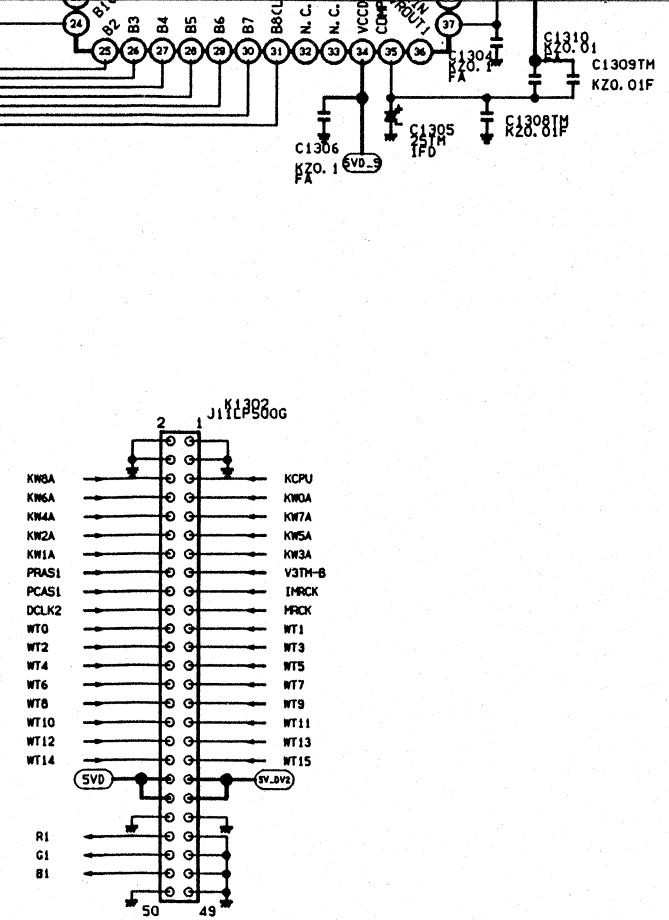
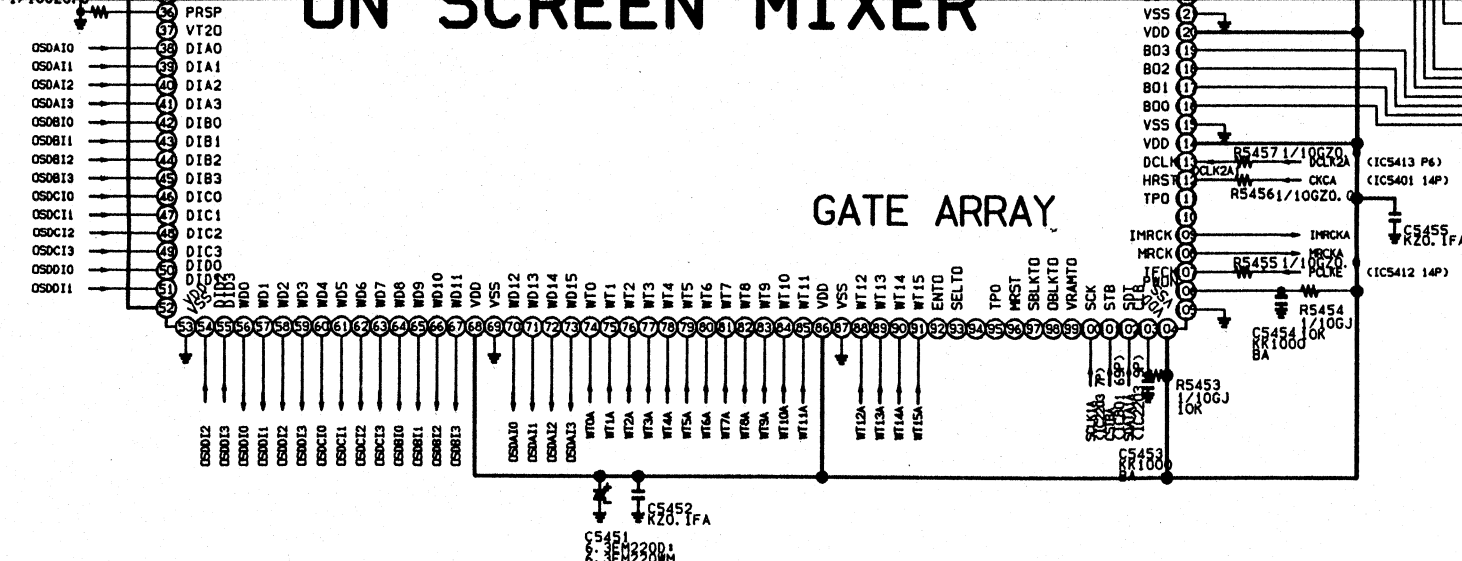
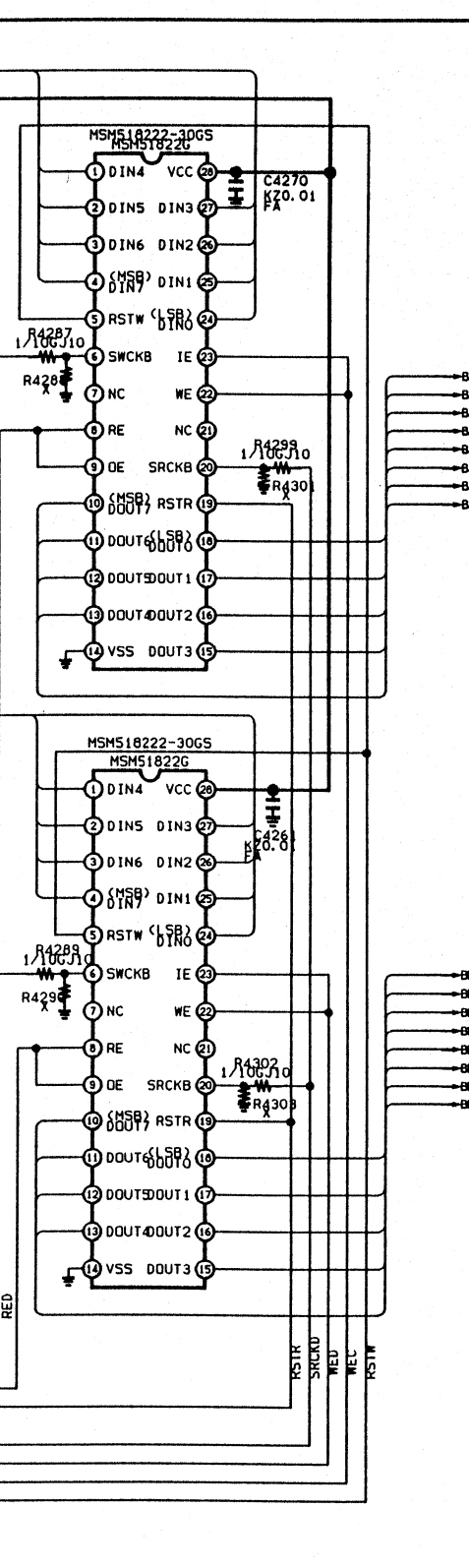
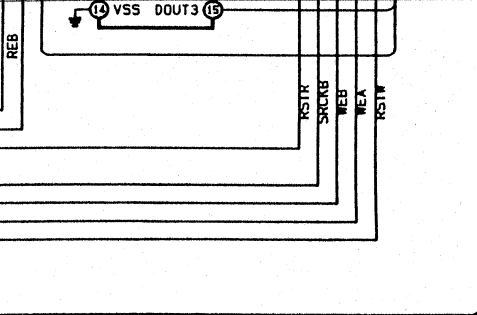
IC4268

IC4269

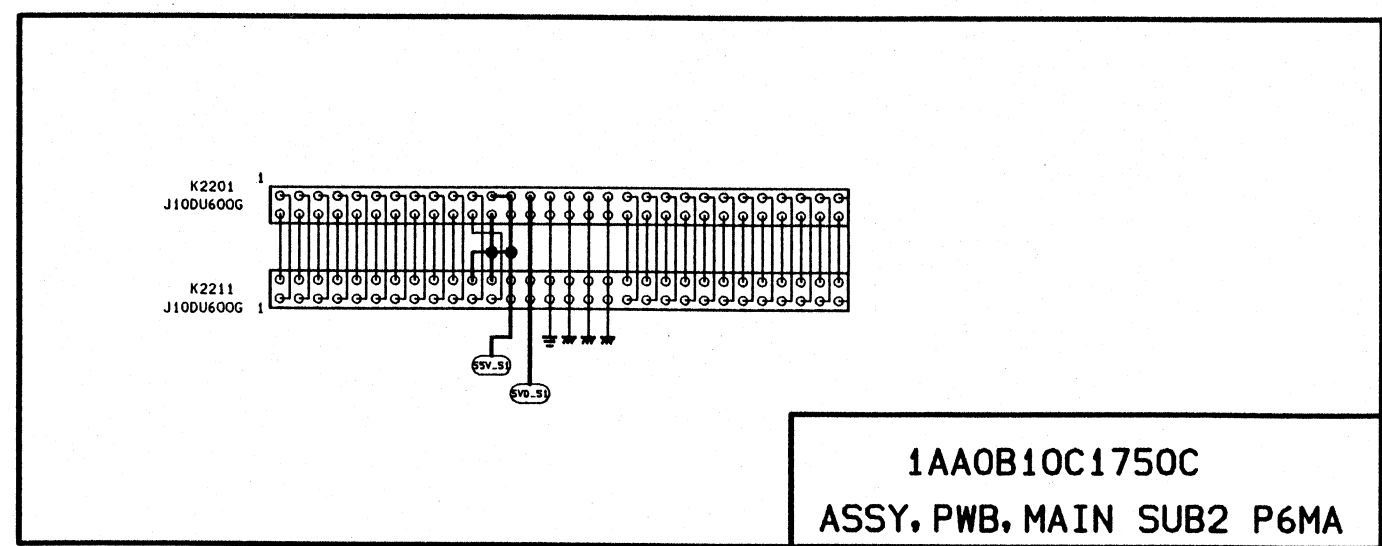




ON SCREEN MIXER



1AA0B10C1750B
ASSY, PWB, MAIN SUB1 P6MA



1AA0B10C1750C
ASSY, PWB, MAIN SUB2 P6MA

S7

⑦ PLC-9000/9000E/9005E/9005B REVISED
Reference. NO. SM525052

ASSY MAIN

R.G.B. VIDEO GAIN ADJ. TP
PEDESTAL LEVEL ADJ. TP

TP403 2.88V
TP402 2.84V
TP401 2.95V

D/A
CONVERTER

IC1401

IC451

IC401

CXA2111RM

IC501

CXA2112RM

SAMPLE
& HOLD

IC1501

CXA2112RM

SAMPLE
& HOLD

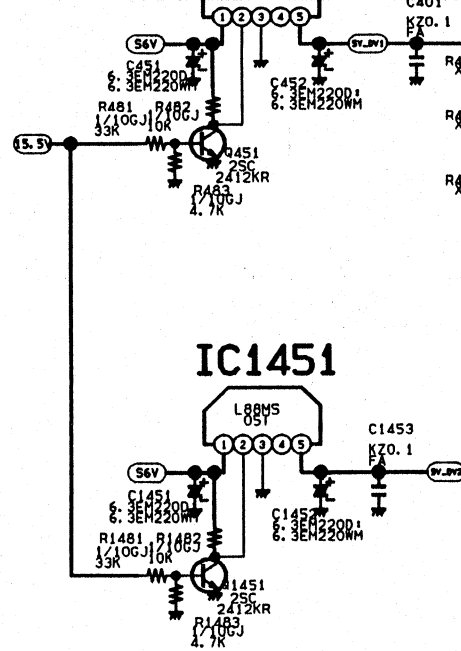
IC531

CXA2112RM

SAMPLE
& HOLD

B SIG DC ADJ.

G SIG DC



LCD
PANEL
DRIVER

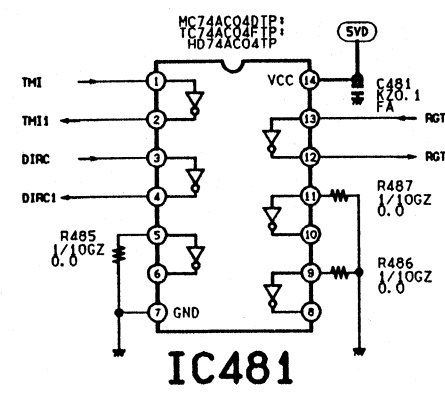
PSIG_ADJ._VR

TP561 6.98V

IC1531
CXA2112RM
SAMPLE
& HOLD

IC561
CXA2112RM
SAMPLE
& HOLD

IC1561
CXA2112RM
SAMPLE
& HOLD



IC481

S8

ASSY MAIN

TO_ASSY_LED_K68B
K8G

TO ASSY CG
K21D

TO ASSY RC/2

TO TEMP. SW
K8E

FROM
LENS SHIFT
SWITCH

FROM
ASSY MOTHER
K58A

K8D

K8C

K8E

K8F

K8A

USB CPU
IC1801

USB CPU
IC1811

IC3354

IC3352

IC3351

QXXAVB196M

IC3355

GATE ARRAY

AUTO FINE SYNC

IC801

QXXAVB217M:
QXXAAJQ116

CPU

IC802

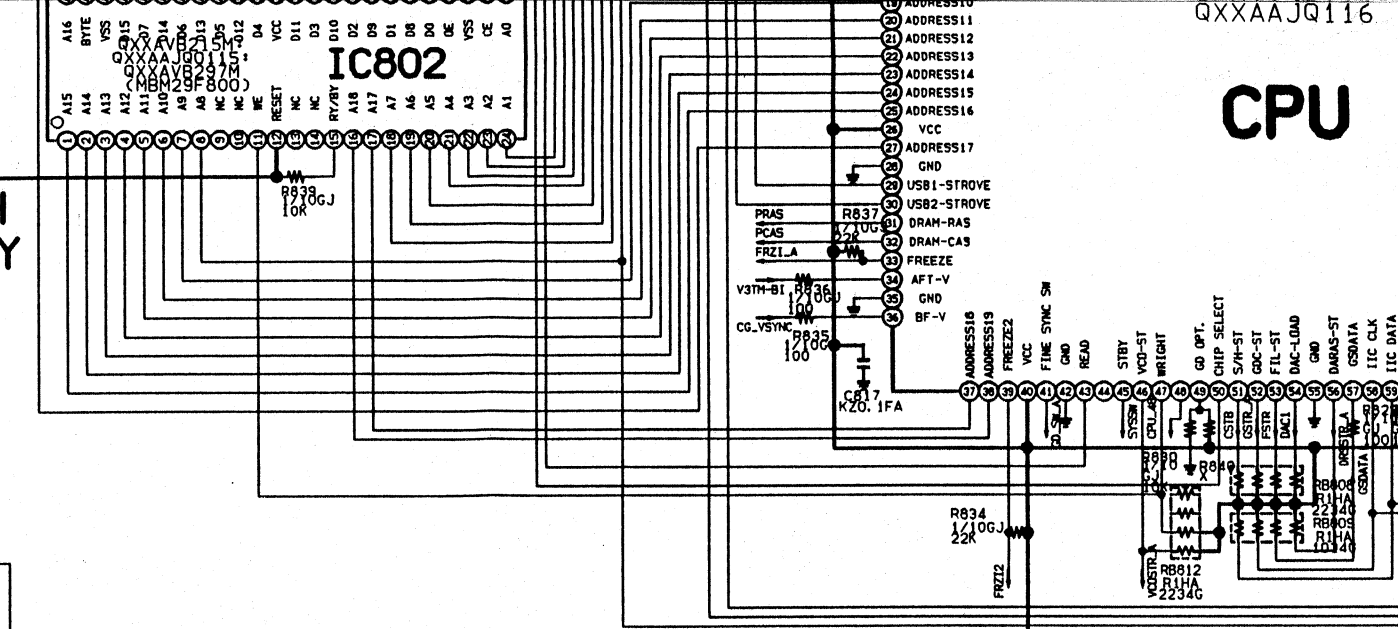
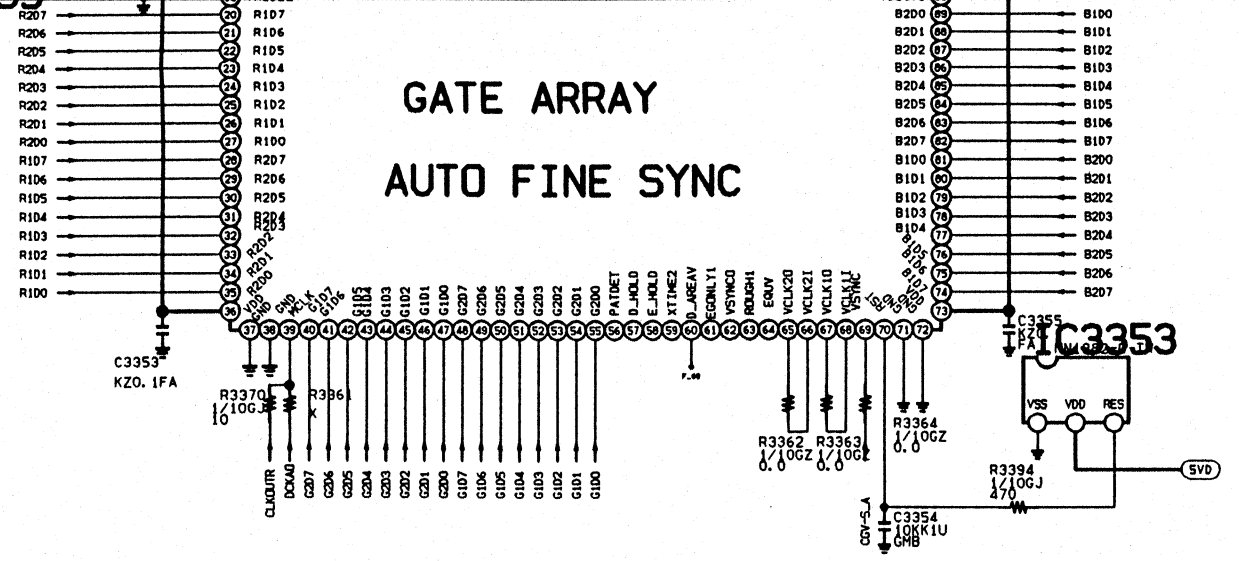
FLASH

GATE ARRAY AUTO FINE SYNC

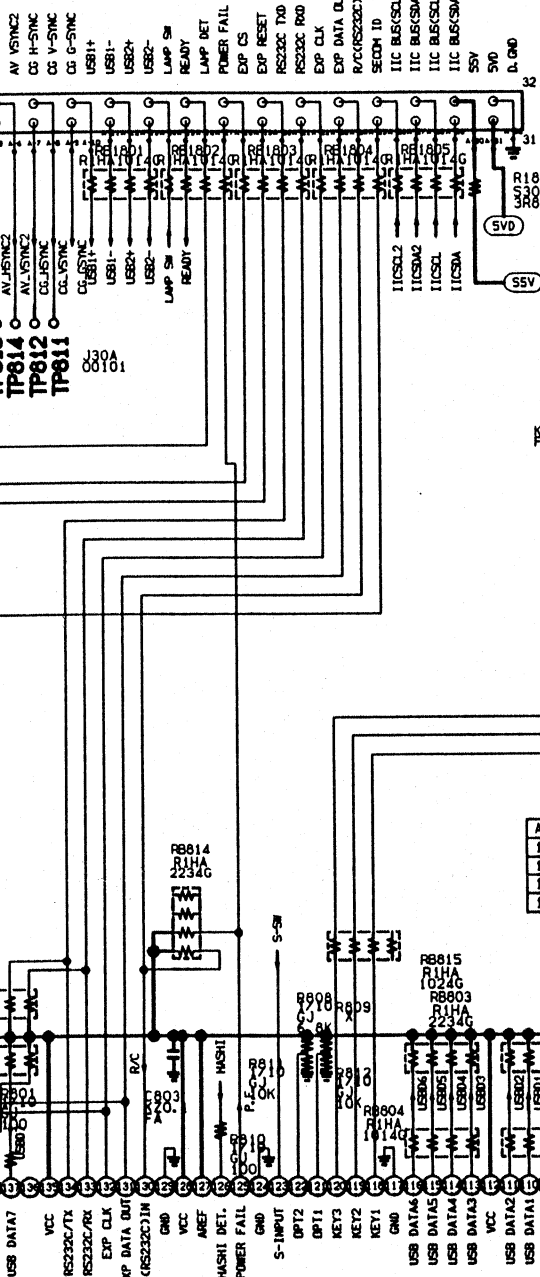
FLASH MEMORY

CPU

G
H
I
J
K
L



ASSY MOTHER
K58A



IC801

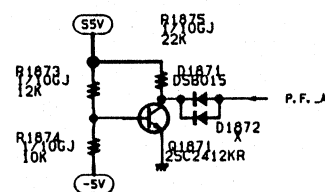
QXXAVB217M:
QXXAAJQ116

FROM
K8L
CONTROL K68A

J100F050G J100S320G

K8B

FROM
ASSY MOTHER
K58B

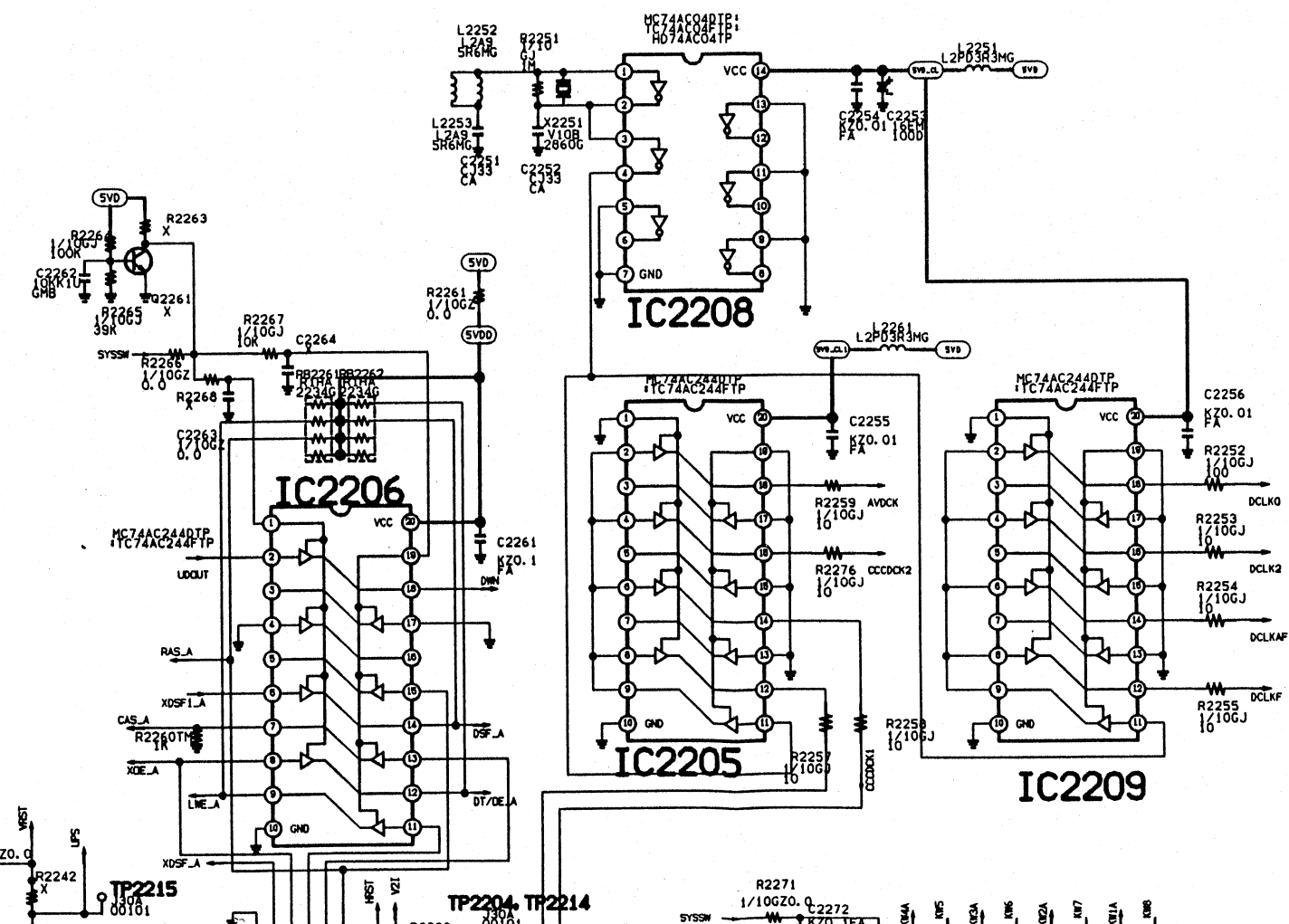


K2202
J11LQ600G

K2212
J11LQ600G

K5402
J100T800G

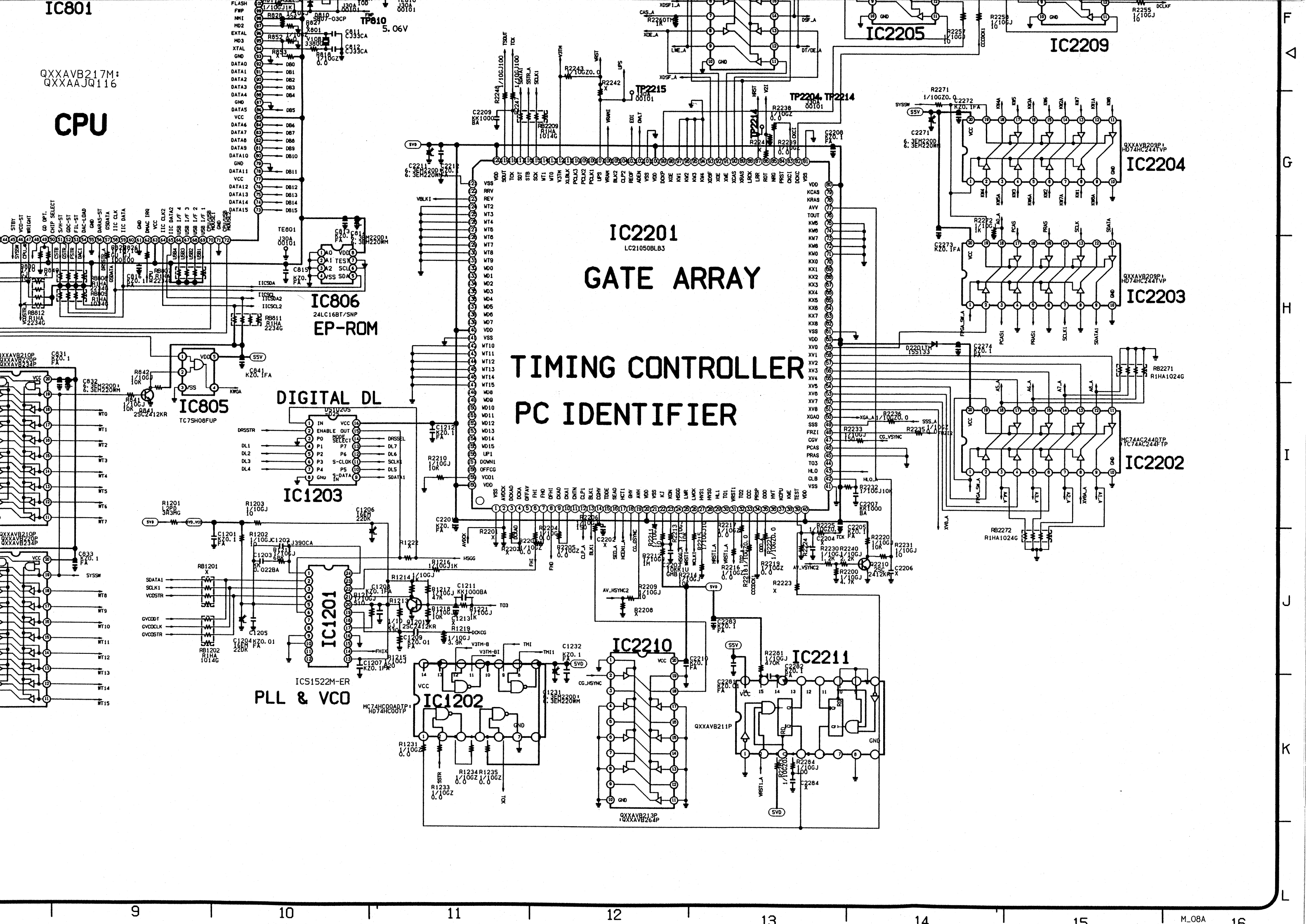
K1301
J100T500G



IC801

QXXAVB217M:
QXXAAJQ116

CPU



F

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G

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I

J

K

L

9

10

11

12

13

14

15

16

M_08A